WILDLIFE REVIEW

NUMBER 162 **SEPTEMBER 1976**

UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

WILDLIFE REVIEW

An abstracting service for wildlife management
Issued for the information of cooperators
by the Fish and Wildlife Service
United States Department of the Interior

September 1976 Colorado State University, Fort Collins, Colorado 80523 No. 162

Use of funds for printing this publication approved
by the Director of the Bureau of the Budget, March 3, 1976

CONTENTS

Conservation
- Natural resources 1
- Soils 1
- General conservation 19
- Conservation education 19
- Bibliographies, directories, history, biography 19

Wildlife
- Techniques 20
- Faunas, natural history, manuals .. 20
- Endangered & threatened species ... 21
- Morphology & physiology 21
- Behavior 21
- Pesticides & pollution 21
- Parasites & diseases 22
- Hunting--areas & problems 22
- Harvest & hunting statistics 23
- Management & research--general 23
  - Rangeland, tundra & wildlife 26
  - Forests & wildlife 26
  - Environmental impacts & assessments 26

Mammals
- Techniques 27
- Faunas, communities, manuals 28
- Behavior 28
- Pesticides & pollution 28
- Parasites & diseases 29
- Economics, damage, predation, control 30
- Marsupials 30
- Moles, shrews, other insectivores . 31
- Bats 33
- Rabbits & pikas 36
- Rodents
  - General 38
  - Sciurids 38
  - Beaver, muskrat, nutria 40
  - Kangaroo rats & pocket mice 41
  - Rats & mice 41
    - Rattus & Mus 41
    - Other rodents 42
- Carnivores
  - Canids 48
  - Bears 50
  - Mustelids 51
  - Cats 52
- Marine mammals 53
- Ungulates
  - General 52
  - Odocoileus 57
  - Other cervids 58
  - Other ungulates 61
- Other mammals 64

Birds
- General 65
- Ecology, natural history, evolution 65
- Techniques 66
- Faunas, communities, manuals 67
- Morphology & physiology 71
- Behavior 72
- Population dynamics 74
- Migration & banding reports 74
- Mortality & survival 76
- Pesticides & pollution 76
- Parasites & diseases 77
- Game birds
  - Grouse & ptarmigan 78
  - Phasianidae
    - General 79
    - Bobwhite 79
    - Other American quail 80
    - Ring-necked pheasant 80
    - Other phasianidae 80
  - Turkey 81
  - Other gallinaceous birds 82
- Doves & pigeons 82
- Water birds 83
- Waterfowl
  - Ducks 84
  - Swans & geese 88
- Loons & grebes 91
- Shorebirds, marshbirds & allies . 91
- Seabirds & allies 98
- Raptors 106
- Passerine birds
  - General 113
  - Blackbirds, starlings, crows .. 114
  - Other passerine birds 118
- Other birds 128

Amphibians & reptiles 131
- Amphibians 132
- Reptiles 137

Author Index 145

Geographic Index 176

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NATURAL RESOURCES

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SOILS

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[Western Wash. State Coll., Bellingham 98225] /Sorex vagrans/ in Washington.

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[Inst. Zool. Ecol. Anim., 19 place du Tunnel, CH-1005, Lausanne, Switzerland] The oxygen consumption of 13 species of shrews of different origin: from Europe--/Sorex araneus/, /S. minutus/, /Neomys fodiens/, /Crocidura russula/, and /Suncus etruscus/; from Africa--/Crocidura bottegi/, /C. bicolor/, /C. jouvenetae/, /C. poensis/, /C. theresae/, /C. wimmeri/, /C. flavescens/, and /C. giffardi/ were measured.

76-001927 Whitaker, John O., Jr.; Maser, Chris FOOD HABITS OF FIVE WESTERN OREGON SHREWS. Northwest Sci. 50 (2): 102-107. May 1976. WR 162
[Ind. State Univ., Terre Haute 47809] /Sorex trowbridgii/, /S. vagrans/, /S. pacificus/, /S. yaquinae/ and /S. bendirii/.

76-001928 Williams, Daniel F. DISTRIBUTION RECORDS FOR SHREW-MOLES, /NEUROTRICHUS GIBBSII/. Murrelet 56 (1): 2-3. Jan.-Apr. 1975. WR 162
[Calif. State Coll., Turlock 95380]

BATS

76-001929 Andrews, J. R. H.; Daniel, M. J. A NEW SPECIES OF /HYMENOLEPIS/ (CESTODA: HYMENOLEPIDIDAE) FROM THE NEW ZEALAND LONG-TAILED BAT, /CHALINOLOBUS TUBERCULATUS/. N. Z. J. Zool. 1 (3): 333-336. Aug. 1974. WR 162
[Victoria Univ., Wellington, New Zealand]

76-001930 Bhat, H. R. RECORDS AND OBSERVATIONS ON BATS OF HIMALAYAN REGION OF UTTAR PRADESH AND WEST BENGAL, INDIA. J. Bombay Nat. Hist. Soc. 71 (1): 51-57. Apr. 1974. WR 162
[Virus Res. Cent., Poona, India] Abstract: During a survey of haematophagous arthropods in the Himalayan region of Uttar Pradesh and West Bengal between November 1966 and August 1970, 362 specimens of bats were collected for ectoparasitic search. These specimens represent 15 genera and 20 species. Additional geographical and ecological ranges for some species are recorded. Notes on distribution, reproduction and general natural history are presented for some of the species.

76-001931 Bonaccorso, Frank Joseph FORAGING AND REPRODUCTIVE ECOLOGY IN A COMMUNITY OF BATS IN PANAMA. Ph. D. dissertation, Univ. Fla. 130p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(12), 1976. WR 162
Resource partitioning, reproduction, species diversity, and community structure in a forest community of 35 bat species were studied on Barro Colorado Island, Panama Canal Zone.

76-001932 Brown, Patricia VOCAL COMMUNICATION IN THE PALLID BAT, /ANTROZOUS PALLIDUS/. Z. Tierpsychol. 41 (1): 34-54. May 1976. In English with German summ. WR 162
[Univ. Calif. Los Angeles 90024]

76-001933 Christensen, Howard A.; Herrer, Aristides /LUTZOMYIA VESPERTILIONIS/ (DIPTERA: PHYCHODIDAE): POTENTIAL VECTOR OF CHIROPTERAN TRYPANOSOMES IN PANAMA. J. Med. Entomol. 12 (4): 477-478. 31 Oct. 1975. WR 162
[P.O. Box 2016, Balboa Heights, Canal Zone] /Saccopteryx bilineata/ and /Peropteryx macrotis/.

76-001934 Daniel, M. J. FIRST RECORD OF AN AUSTRALIAN FRUIT BAT (MEGACHIROPTERA: PTEROPODIDAE) REACHING NEW ZEALAND. N. Z. J. Zool. 2 (2): 227-231. May 1975. WR 162
[Ecol. Div., DSIR, Lower Hutt, New Zealand] This is the first confirmed record of an Australian bat reaching New Zealand alive in European times. --From Abstr. /Pteropus scapulatus/.

76-001935 Findley, James S. THE STRUCTURE OF BAT COMMUNITIES. Am. Nat. 110 (971): 129-139. Jan.-Feb. 1976. WR 162
[Univ. N. Mex., Albuquerque 87131] Summary: Multivariate morphometric analysis of faunas may provide a useful estimate of ecologic structure. Tropical bat faunas resemble one another in faunal statistics despite trenchant taxonomic differences, suggesting common evolutionary pressures in three tropical regions. Each fauna consists of many similar closely packed, overlapping, relatively invariable species and a few distinctive, distant, isolated, variable kinds. Temperate and tropical faunas differ in the greater rarity, or even absence, of highly distinctive taxa in the former but are not meaningfully different in packing or degree of overlap.

76-001936 Greenbaum, Ira F.; Baker, Robert J.; Wilson, Don E. EVOLUTIONARY IMPLICATIONS OF THE KARYOTYPES OF THE STENODERMINE GENERA /ARDOPS/, /ARITEUS/, /PHYLLOPS/, AND /ECTOPHYLLA/. Bull. South. Calif. Acad. Sci. 74 (3): 156-159. Dec. 1975. WR 162
[Tex. Tech Univ., Lubbock 79409] Karyotypes of representatives of four genera of the subfamily Stenoderminae (Phyllostomatidae), /Ardops/, /Ariteus/, /Phyllops/, and /Ectophylla/ are presented. --From abstr.

76-001937 Greig-Smith, Peter W. NOTES ON A COLLECTION OF BATS AND THEIR ECTOPARASITES FROM THE SEPIK DISTRICT, PAPUA NEW GUINEA. Sci. New Guinea 3 (2): 117-122. Aug. 1975. WR 162
[Aberdeen Univ., Aberdeen, Scotland]

76-001938 Kunz, Thomas H. OBSERVATIONS ON THE WINTER ECOLOGY OF THE BAT FLY /TRICHOBIUS CORYNORHINI/ COCKERELL (DIPTERA: STREBLIDAE). J. Med. Entomol. 12 (6): 631-636. 20 Feb. 1976. WR 162
[Boston Univ., Boston, Mass. 02215] /Plecotus townsendii/ in Kansas.

76-001939 Lock, J. M.; Marshall, A. C. PROBABLE POLLINATION OF /PARINARI POLYANDRA/ BY BATS. Nigerian Field 41 (2): 89-92. June 1976. WR 162
[Univ. Ghana, Legon, Ghana] "Although we made no field observations of visits by bats to the flowers, we feel that the confidence and the lack of hesitation with which the bats fed on the inflorescences in the cages suggest strongly that /Parinari polyandra/ is regularly visited and very probably pollinated by bats."

76-001940 Martin, D. R. NEW HOST AND DISTRIBUTION RECORDS OF HELMINTH PARASITES OF THE MEXICAN FREE-TAIL BAT, /TADARIDA BRASILIENSIS/, FROM TEXAS AND LOUISIANA. Proc. Helminthol. Soc. Wash. 43 (1): 85-86. Jan. 1976. WR 162
[Ohio State Univ., Columbus 43210]

76-001941 McNab, Brian K. SEASONAL FAT RESERVES OF BATS IN TWO TROPICAL ENVIRONMENTS. Ecology 57 (2): 332-338. 1976. WR 162
[Univ. Fla., Gainesville 32611] Seasonal fat deposits were examined in eight species of bats from two localities in Jamaica. --From abstr.

76-001942 Morrison, Douglas Wildes THE FORAGING BEHAVIOR AND FEEDING ECOLOGY OF A NEOTROPICAL FRUIT BAT, /ARTIBEUS JAMAICENSIS/. Ph. D. dissertation, Cornell Univ. 101p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(12), 1976. WR 162
A combination radio-tracking and mark-recapture study of the foraging behavior of the Jamaican fruit bat, /Artibeus jamaicensis/, on Barro Colorado Island in the Panama Canal Zone.

76-001943 Poche, Richard M.; Keirans, James E. REPORT OF A TICK, /ORNITHODOROS ROSSI/ (ACARINA: ARGASIDAE), FROM THE SPOTTED BAT, /EUDERMA MACULATUM/ (CHIROPTERA: VESPERTILIONIDAE). J. Med. Entomol. 12 (5): 503. 30 Dec. 1975. WR 162
[Univ. Calif., Berkeley 94702]

76-001944 Radovsky, Frank J.; Poche, Richard M. FIRST REPORT OF AN ECTOPARASITE, /CRYPTONYSSUS DESULTORIUS/ (ACARI: MESOSTIGMATA: MACRONYSSIDAE), ASSOCIATED WITH THE SPOTTED BAT. J. Med. Entomol. 12 (3): 394. 25 Sept. 1975. WR 162
[Bernice P. Bishop Mus., P.O. Box 6037, Honolulu, Hawaii 96818] /Euderma maculatum/ in Utah.

76-001945 Sanchez-Acedo, C.; Otero, J.; Albala-Perez, F. ESTUDIO PARASITOLOGICO EN QUIROPTEROS. [PARASITOLOGICAL STUDY OF CHIROPTERA] Rev. Iber. Parasitol. 34 (3-4): 245-252. July-Dec. 1974. In Spanish with English summ. WR 162
[Univ. Zaragoza, Zaragoza, Spain] /Rhinolophus ferrum equinum/, /Myotis myotis/ and /Nyctalus maximus/ in Spain.

76-001946 Smith, James Dale; Genoways, Hugh H. BATS OF MARGARITA ISLAND, VENEZUELA, WITH ZOOGEOGRAPHIC COMMENTS. Bull. South. Calif. Acad. Sci. 73 (2): 64-79. Aug. 1974. WR 162
[Calif. State Univ., Fullerton 92634] Abstract: Sixteen species of bats are reported from Margarita Island, Nueva Esparta, Venezuela. These include two species of emballonurids, one noctilionid, two mormoopids, nine phyllostomatids, one vespertilionid, and one molossid. Accounts including natural history and taxonomic comments are given for each species. The chiropteran fauna of Margarita Island is compared with the bat faunas of the adjacent Venezuelan mainland and islands off the northern coast of South America, including Trinidad and other Antillean islands. It is concluded that the chiropteran fauna of Margarita Island represents an attenuated mainland fauna.

76-001947 Specian, Robert D.; Ubelaker, John E. REDESCRIPTION OF A NEMATODE, /SEURATUM CANCELLATUM/ CHITWOOD, 1938, FROM BATS IN TEXAS. Proc. Helminthol. Soc. Wash. 43 (1): 59-65. Jan. 1976. WR 162
[Tulane Univ., New Orleans, La.]

76-001948 Timm, Robert M.; Mortimer, Jeanne SELECTION OF ROOST SITES BY HONDURAN WHITE BATS, /ECTOPHYLLA ALBA/ (CHIROPTERA: PHYLLOSTOMATIDAE). Ecology 57 (2): 385-389. 1976. WR 162
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76-001949 Wickler, Wolfgang; Seibt, Uta FIELD STUDIES ON THE AFRICAN FRUIT BAT /EPOMOPHORUS WAHLBERGI/ (SUNDEVALL), WITH SPECIAL REFERENCE TO MALE CALLING. Z. Tierpsychol. 40 (4): 345-376. Apr. 1976. In English with German summ. WR 162
[Max-Planck-Inst. Verhaltensphysiol., 8131 Seewiesen, West Germany]

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[Victoria Univ., Wellington, New Zealand] The present distribution, numbers, roosting and feeding habits, and present status of /Pteropus tonganus/ on Niue Island are described. --From abstr.

RABBITS & PIKAS

76-001951 Clifford, Carleton M.; Flux, John E. C.; Hoogstraal, Harry SEASONAL AND REGIONAL ABUNDANCE OF TICKS (/IXODIDAE/) ON HARES (/LEPORIDAE/) IN KENYA. J. Med. Entomol. 13 (1): 40-47. 29 May 1976. WR 162
/Lepus capensis/ and /L. crawshayi/.

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[CSIRO, P.O. Box 84, Lyneham 2602, Australia] /Oryctolagus cuniculus/.

76-001953 Grundmann, Albert W.; Lombardi, Paul S. PARASITISM OF THE PIKA, /OCHOTONA PRINCEPS/ RICHARDSON (MAMMALIA: LAGOMORPHA), IN UTAH AND NEVADA WITH THE DESCRIPTION OF /UGENURIS UTAHENSIS/ SP. N. (NEMATODA: OXYURIDAE). Proc. Helminthol. Soc. Wash. 43 (1): 39-46. Jan. 1976. WR 162
[Univ. Utah, Salt Lake City]

76-001954 Martin, J. T.; Zickerfoose, J. THE EFFECTIVENESS OF AERIAL SURVEY FOR DETERMINING THE DISTRIBUTION OF RABBIT WARRENS IN A SEMIARID ENVIRONMENT. Aust. Wildl. Res. 3 (1): 79-84. May 1976. WR 162
[New South Wales Dep. Agric., Condobolin, New South Wales 2877, Australia]

76-001955 Mautz, William W.; Walski, Theodore W.; Urban, Willard E., Jr. DIGESTIBILITY OF FRESH FROZEN VERSUS PELLETED BROWSE BY SNOWSHOE HARES. J. Wildl. Manage. 40 (3): 496-499. July 1976. WR 162
[Colo. Coop. Wildl. Res. Unit, Fort Collins 80523] Abstract: Twelve snowshoe hares (/Lepus americanus/) were used to evaluate the effect of drying, grinding, and pelleting on the digestibility of browse of white cedar (/Thuja occidentalis/) and red maple (/Acer rubrum/). A significant (P less than 0.05) increase in consumption was observed for the pelleted feeds. No significant effects were observed in digestibility for the combined data, although apparent differences were seen when the two species were analyzed individually.

76-001956 Myers, K.; Parker, B. S.; Dunsmore, J. D. CHANGES IN NUMBERS OF RABBITS AND THEIR BURROWS IN A SUBALPINE ENVIRONMENT IN SOUTH-EASTERN NEW SOUTH WALES. Aust. Wildl. Res. 2 (2): 121-133. Nov. 1975. WR 162
[CSIRO, P.O. Box 84, Lyneham 2602, Australia] /Oryctolagus cuniculus/.

76-001957 Myers, K.; Parker, B. S. EFFECT OF SEVERE DROUGHT ON RABBIT NUMBERS AND DISTRIBUTION IN A REFUGE AREA IN SEMIARID NORTH-WESTERN NEW SOUTH WALES. Aust. Wildl. Res. 2 (2): 103-120. Nov. 1975. WR 162
[CSIRO, P.O. Box 84, Lyneham 2602, Australia] /Oryctolagus cuniculus/.

76-001958 Myers, K.; Parker, B. S. A STUDY OF THE BIOLOGY OF THE WILD RABBIT IN CLIMATICALLY DIFFERENT REGIONS IN EASTERN AUSTRALIA. VI. CHANGES IN NUMBERS AND DISTRIBUTION RELATED TO CLIMATE AND LAND SYSTEMS IN SEMIARID NORTH-WESTERN NEW SOUTH WALES. Aust. Wildl. Res. 2 (1): 11-32. June 1975. WR 162
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[CSIRO, P.O. Box 84, Lineham 2602, Australia] /Oryctolagus cuniculus/.

76-001961 Romero-Rodriguez, Jose; Guevara Pozo, Diego; Lizcana Herrera, Jose ESTUDIOS SOBRE EL GENERO /PASSALURUS/, DUJARDIN 1845, PARASITANDO AL /ORYCTOLAGUS CUNICULUS DOMESTICA/ (L.). Y /LEPUS GRANATENSIS/ (R.). [STUDIES OF THE GENUS /PASSALURUS/ PARASITIZING /ORYCTOLAGUS CUNICULUS DOMESTICA/ AND /LEPUS GRANATENSIS/.] Rev. Iber. Parasitol. 33 (2-3): 315-329. Apr.-Sept. 1973. In Spanish with English Summ. WR 162
[Inst. Lopez-Neyra Parasitol., Granada, Spain]

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[Keith Turnbull Inst., Frankston, Victoria 3199, Australia]

76-001963 Snyder, Wesley I.; Richmond, Milo E.; Pond, Wilson G. PROTEIN NUTRITION OF JUVENILE COTTONTAILS. J. Wildl. Manage. 40 (3): 484-490. July 1976. WR 162
[Cornell Univ., Ithaca, N.Y. 14853] /Sylvilagus floridanus/.

76-001964 von Reyn, C. Fordham; Barnes, Allan M.; Weber, Neil S.; Hodgin, U. G. BUBONIC PLAGUE FROM EXPOSURE TO A RABBIT: A DOCUMENTED CASE, AND A REVIEW OF RABBIT-ASSOCIATED PLAGUE CASES IN THE UNITED STATES. Am. J. Epidemiol. 104 (1): 81-87. July 1976. WR 162
[Barnes: Center for Disease Control, P.O. Box 2087, Fort Collins, Colo. 80522] Abstract: A 62-year old woman developed bubonic plague with an epitrochlear bubo one or two days after skinning two cottontail rabbits. The implicated rabbits were later recovered from the patient's freezer, and /Yersinia pestis/ was isolated from marrows of both rabbits. Although human plague cases in the United States have occasionally been traced to exposure to wild rabbits, this is the first documentation of plague infection in the actual rabbits to which the patient was exposed. All reported cases of rabbit-associated plague in the United States were then reviewed. Eight cases were characterized by direct exposure to rabbit tissues. Seven of the eight cases occurred in adult males who had hunted rabbits during winter months in plague-endemic areas. These patients had upper extremity buboes, and the case-fatality ratio for the group was 50 percent. Three other cases in which rabbit exposure was indirect or its role less clear, were also analyzed.

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[McMaster Univ., Hamilton, Ontario, Canada]

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[Inst. Biol. south sea, Acad. Sci. Ukrainian SSR, Sevastopol, USSR]

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[State Univ., 410 001 Saratov, USSR] /Citellus pygmaeus/, /C. suslicus/, /C. major/ and /C. fulvus/ in USSR.

76-001970 Ferron, Jean CYCLE ANNUEL D'ACTIVITE DE L'ECUREUIL ROUX /TAMIASCIURUS HUDSONICUS/), ADULTES ET JEUNES EN SEMI-LIBERTE AU QUEBEC. [THE ANNUAL CYCLE OF ACTIVITY OF /TAMIASCIURUS HUDSONICUS/--ADULTS AND JUVENILES.] Nat. Can. (Que.) 103 (1): 1-10. Jan.-Feb. 1976. In French with English summ. WR 162
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76-001971 Golubev, P. D.; Shiranovich, P. I.; Sorokina, Z. S. [ON THE TAXONOMY OF SOUSLIKS OF THE NORTH CAUCASUS.] Zool. Zh. 55 (3): 426-436. Mar. 1976. In Russian with English summ. WR 162
[North Caucasian Anti-Plague Inst., Stavropol, USSR] /Citellus/ spp.

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76-001974 Morton, Martin L. SEASONAL CYCLES OF BODY WEIGHTS AND LIPIDS IN BELDING GROUND SQUIRRELS. Bull. South. Calif. Acad. Sci. 74 (3): 128-143. Dec. 1975. WR 162
[Occidental Coll., Los Angeles, Calif. 90041] Seasonal changes in body weight, carcass composition, food habits, and general behavior were determined in /Spermophilus beldingi beldingi/, a hibernatory ground squirrel that lives at high altitude. Effects of photoperiod and constant or cycling ambient temperature on body weight regulation were tested in the laboratory. There was about a two-fold annual variation in body weight. Most of this variation was due to fluctuations in fat stores. --From abstr.

76-001975 Pudney, Jeffrey SEASONAL CHANGES IN THE TESTIS AND EPIDIDYMIS OF THE AMERICAN GREY SQUIRREL, /SCIURUS CAROLINENSIS/. J. Zool. (Lond.) 179 (1): 107-120. May 1976. WR 162
[Harvard Med. School, Boston, Mass. 02115] Abstract: The histological changes in the testis and epididymis of the American Grey squirrel, /Sciurus carolinensis/ (Gmelin) during development and the testicular cycle are described. It was observed that male Grey squirrels, as a population, did not undergo a pronounced seasonal reproductive cycle, however, individual males did experience periods of reproductive inactivity which were asynchronous and not related to seasonal changes in the environment. It is suggested that the individual sexual cycles are due to an endogenous rhythm of gonadotrophin secretion by the pituitaries of these animals.

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[Univ. Regina, Regina, Saskatchewan S4S 0A2, Canada] Abstract: Young Richardson's ground squirrels /Spermophilus richardsonii richardsonii/ appear to suffer proportionately heavier winter mortality than adults, as indicated by the remains disinterred by squirrels species.

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[Ariz. State Univ., Tempe 95281] /Sciurus niger/ in Texas.

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BEAVER, MUSKRAT, NUTRIA

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/Castor canadensis/ in New York.

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[Inst. Fundament. Vet. Sci., Agric. Tech. Acad., 10-957 Olsztyn, Poland] /Castor fiber/ in Poland.

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[Waldhausenstr. 7, D-3000 Hannover 81, West Germany]

KANGAROO RATS & POCKET MICE

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[Memphis State Univ., Memphis, Tenn.]

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[Punjab Agric. Univ., Ludhiana, India] /Mus musculus bactrianus/, /M. booduga/, /Rattus meltada/ and /Tatera indica/.

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[Univ. Coll. Wales, Aberystwyth, Wales]

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[Ecol. Div., DSIR, Nelson, New Zealand]

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[Bar-Ilan Univ., Ramat-Gan, Israel] /Rattus norvegicus/.

OTHER RODENTS

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[Stn. Fed. Recherches Agron. Changins, CH-1260 Nyon, Switzerland]
Summary: A method of capture and recapture of the fossorial form of Water vole, /Arvicola terrestris scherman/ Shaw, is described. It consists in placing "Sherman" traps in lateral groves perpendicularly to the axis of the galleries. This technique leads to the capture within 3 days of over 90 percent of the total population. The number of recaptures and the number of different traps visited by each animal are sufficient to estimate the population density and to determine the home ranges as well as the size of the family groups that occupy them. Trapping done at different periods supply information about the changes having occurred in the structure of the population. Some examples are given and discussed.

76-001997 Anderson, Judith Lee PHENOTYPIC CORRELATIONS AMONG RELATIVES AND VARIABILITY IN REPRODUCTIVE PERFORMANCE IN POPULATIONS OF THE VOLE /MICROTUS TOWNSENDII/. Ph. D. dissertation, Univ. British Columbia 1975. From Diss. Abstr. Int. B Sci. Eng. 36(12), 1976. WR 162

76-001998 Andrzejewski, Roman; Mazurkiewicz, Maria ABUNDANCE OF FOOD SUPPLY AND SIZE OF THE BANK VOLE'S HOME RANGE. Acta Theriol. 21 (17): 237-253. May 1976. In English with Polish summ. WR 162
[Inst. Ecol. Polish Acad. Sci., Dziekanow Lesny, 05-150 Lomianki, Poland] /Clethrionomys glareolus/ in Poland.

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[James Cook Univ. North Queensland, Townsville, Queensland 4811, Australia]

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[Norwegian Forest Res. Inst., N-1432 As-NLH, Norway]

76-002004 Christopher, Ernest Augustus THE ECOLOGY OF NON-CAPTIVE DESERT RODENTS. Ph. D. dissertation, Univ. Calif. (Irvine). 151p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(12), 1976. WR 162
The seasonal changes in the abundances of non-captive, nocturnal dissert rodents were studied. /Dipodomys merriami/, /Perognathus longimembris/, /P. fallax/ and /Peromyscus crinitus/ were the most common species trapped. Also present were /P. maniculatus/, /P. eremicus/, /Neotoma lepida/ and /Onychomys torridus/.

76-002005 Conley, Walt COMPETITION BETWEEN /MICROTUS/: A BEHAVIORAL HYPOTHESIS. Ecology 57 (2): 224-237. 1976. WR 162
[Mich. State Univ., East Lansing 48824] Abstract: Behavioral and demographic parameters were studied in /Microtus longicaudus/ and /M. mexicanus/ during 1969 and 1970. /Microtus longicaudus/ was at peak density (120/ha) in 1969 and decline density (30/ha) in 1970. /Microtus mexicanus/ remained at low density (30/ha) during both years. Sex ratios and survival rates were different between years in /M. longicaudus/, not different in /M. mexicanus/. Intraspecific agonistic behavior in /M. longicaudus/ was consistent with hypotheses of intrinsic regulation. Behavioral reactions related to contention for space were measured. These values support an hypothesis relating space to interspecific competition in these species.

76-002006 Crowell, K. L.; Pimm, S. L. COMPETITION AND NICHE SHIFTS OF MICE INTRODUCED ONTO SMALL ISLANDS. Oikos 27 (2): 251-258. 1976. In English with Russian summ. WR 162
[St. Lawrence Univ., Canton, N.Y. 13617] /Peromyscus maniculatus/ and /Clethrionomys gapperi/ were introduced to a 0.8 ha island to which only /Microtus pennsylvanicus/ was native in order to study subsequent interactions. The populations were censused for the ensuing six summers. Although all three species occupied overlapping home ranges in some habitats, there were significant differences in their habitat preferences. --From abstr.

76-002007 Douglass, Richard James SPATIAL INTERACTIONS AND MICROHABITAT SELECTIONS OF TWO LOCALLY SYMPATRIC VOLES, /MICROTUS MONTANUS/ AND /MICROTUS PENNSYLVANICUS/. Ecology 57 (2): 346-352. 1976. WR 162
[Mont. State Univ., Bozeman 59715] /Microtus pennsylvanicus/ and /Microtus montanus/ are sympatric in south central Montana, and the two often occur in intermixed populations. This study attempted to assess the relative importance of interspecific interactions and habitat preference on movements and habitat selection of the two species. --From abstr.

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[Univ. Queensland, St. Lucia, Queensland 4067, Australia] Data for 10 spp.

76-002009 Eshelkin, I. I. [ON THE REPRODUCTION OF /ALTICOLA STRELZOVI/ IN THE SOUTH-EAST ALTAI.] Zool. Zh. 55 (3): 437-442. Mar. 1976. In Russian with English summ. WR 162

76-002010 Gebczynska, Zofia FOOD HABITS OF THE BANK VOLE AND PHENOLOGICAL PHASES OF PLANTS IN AN OAK HORNBEAM FOREST. Acta Theriol. 21 (16): 223-236. May 1976. In English with Polish summ. WR 162
[Mammals Res. Inst., Polish Acad. Sci., 17-230 Bialowieza, Poland] /Clethrionomys glareolus/ in Poland.

76-002011 Gettinger, Ronald D. METABOLISM AND THERMOREGULATION OF A FOSSORIAL RODENT, THE NORTHERN POCKET GOPHER (/THOMOMYS TALPOIDES/). Physiol. Zool. 48 (4): 311-322. Oct. 1975. WR 162
[Univ. Calif. Los Angeles 90024]

76-002012 Gingrich, R. E.; Barrett, C. C. NATURAL AND ACQUIRED RESISTANCE IN RODENT HOSTS TO MYIASIS BY /CUTEREBRA FONTINELLA/ (DIPTERA: CUTEREBRIDAE). J. Med. Entomol. 13 (1): 61-65. 29 May 1976. WR 162
[Agric. Res. Serv. USDA, Kerrville, Tex. 78028] Old World rodents /Gerbillus gerbillus/ and /Mus musculus/ and New World mice /Peromyscus leucopus/ and /P. maniculatus/ were susceptible hosts to larvae of the rodent bot fly /Cuterebra fontinella/. --From abstr.

76-002013 Hilborn, Ray; Redfield, James A.; Krebs, Charles J. ON THE RELIABILITY OF ENUMERATION FOR MARK AND RECAPTURE CENSUS OF VOLES. Can. J. Zool. 54 (6): 1019-1024. June 1976. In English with French summ. WR 162
[Univ. British Columbia, Vancouver, British Columbia, Canada V6T 1W5] Abstract: Some studies of populations in small rodents rely on enumeration of individuals to provide a estimate of population size. A computer simulation of the capture-recapture process was used to examine the influence of five population parameters on the reliability of enumeration. Enumeration is shown to be insensitive to population size, survival between sampling intervals, and individual variation in the probability of capture. Enumeration is sensitive to the probability of capture; if the probability of capture for the average individual falls below 0.5, the enumeration technique provides a poor estimate of population size. Enumeration is also extremely sensitive to reduced probabilities of capture for unmarked animals. Data from capture-recapture studies of five species of /Microtus/ were used in the computer simulation, and it was concluded for these five species that enumerated populations are at least 10-20 percent smaller than the actual populations.

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[Univ. Wis., Madison 53706]

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[Univ. Nev., Las Vegas]

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[Univ. Warsaw, 00-325 Warsaw, Poland] /Microtus arvalis/ in Poland.

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76-002018 Kozakiewicz, Michal THE WEIGHT OF EYE LENS AS THE PROPOSED AGE INDICATOR OF THE BANK VOLE. Acta Theriol. 21 (23): 314-316. May 1976. In English. WR 162
[Warsaw Univ., 00-927 Warsaw, Poland] Abstract: Statistical significance was found between age and eye lens weight in 40 individuals of the bank vole, /Clethrionomys glareolus/ (Schreber, 1780). It is suggested that eye lens weight may be used as the index of age of voles during first three months of life, while in older animals this index can be used simultaneously with the measurement of /M/(1) teeth roots length.

76-002019 Kucheruk, V. V.; Dobrokhotov, B. P.; Meshcheryakova, I. S; Nekrasova, L. I. [TUNDRA TYPE OF TULAREMIAN NATURAL FOCI ON THE YAMAL AND YUGORSKY PENINSULA.] Zool. Zh. 55 (3): 421-425. Mar. 1976. In Russian with English summ. WR 162
[Inst. Epidemiol. & Microbiol., USSR Acad. Med. Sci., Moscow, USSR] /Dicrostonyx torquatus/ and /Lemmus obensis/.

76-002020 Miller, Bryan E.; Bennett, William C.; Graves, Garth N.; Wheeler, John R. FIELD STUDIES OF SYSTEMIC INSECTICIDES. I. EVALUATION OF PHOXIM FOR CONTROL OF FLEAS ON COTTON RATS. J. Med. Entomol. 12 (4): 425-430. 31 Oct. 1975. WR 162
[N. Mex. Environ. Improvement Agency, P.O. Box 1435, Roswell 88201] /Sigmodon hispidus berlandieri/.

76-002021 Montgomery, W. I. ON THE RELATIONSHIP BETWEEN YELLOWNECKED MOUSE (/APODEMUS FLAVICOLLIS/) AND WOODMOUSE (/A. SYLVATICUS/) IN A COTSWOLD VALLEY. J. Zool. (Lond.) 179 (2): 229-233. June 1976. WR 162
[Univ. Manchester, Manchester, England]

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[Calif. Dep. Health, 2151 Berkeley Way, Berkeley 94704] /Neotoma cinerea/ and /Peromyscus maniculata/.

76-002023 Ozdzenski, Waclaw; Mystkowska, Ewa T. STAGES OF PREGNANCY OF THE BANK VOLE. Acta Theriol. 21 (20): 279-286. May 1976. In English with Polish summ. WR 162
[Univ. Warsaw, 00-927 Warsaw, Poland]. /Clethrionomys glareolus/ in Poland

76-002024 Postovit, Howard R. THE POTENTIAL EFFECTS OF UREA FERTILIZATION ON /PEROMYSCUS MANICULATUS/ IN NORTHWEST FORESTS. Northwest Sci. 50 (2): 87-96. May 1976. WR 162
[Evergreen State Coll., Olympia, Wash. 98505] Abstract: The potential for adverse effects of urea fertilizer on small forest mammals was investigated in the field and laboratory using the deer mouse, /Peromyscus maniculatus/, as a test animal. Acceptance of urea by small mammals was studied, disappearance rates of simulated applications of urea were examined under field conditions, and physiological effects of urea intoxication in /P. maniculatus/ were observed. Results indicate that the application of urea as a forest fertilizer is not likely to damage populations of deer mice or other small mammals.

76-002025 Price, Roger D.; Hellenthal, Ronald A. THE /GEOMYDOECUS/ (MALLOPHAGA: TRICHODECTIDAE) FROM THE HISPID POCKET GOPHER (RODENTIA: GEOMYIDAE). J. Med. Entomol. 12 (6): 695-700. 20 Feb. 1976. WR 162
[Univ. Minn., St. Paul 55108] /Orthogeomys hispidus/.

76-002026 Price, Roger D.; Hellenthal, Ronald A. A REVIEW OF THE /GEOMYDOECUS TEXANUS/ COMPLEX (MALLOPHAGA: TRICHODECTIDAE) FROM /GEOMYS/ AND /PAPPOGEOMYS/ (RODENTIA: GEOMYIDAE). J. Med. Entomol. 12 (4): 401-408. 31 Oct. 1975. WR 162
[Univ. Minn., St. Paul 55108]

76-002027 Rowley, Mildred H.; Christian, John J. INTERSPECIFIC AGGRESSION BETWEEN /PEROMYSCUS/ AND /MICROTUS/ FEMALES: A POSSIBLE FACTOR IN COMPETITIVE EXCLUSION. Behav. Biol. 16 (4): 521-525. Apr. 1976. WR 162
[State Univ. N.Y., Binghamton]

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[State Univ. N.Y., Binghamton]

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[Cornell Univ., Ithaca, N.Y. 14830]

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/Mesocricetus auratus/.

76-002031 Sonenshine, Daniel E.; Yunker, Conrad E.; Clifford, Carleton M.; Clark, Gordon M.; Rudbach, J. A. CONTRIBUTIONS TO THE ECOLOGY OF COLORADO TICK FEVER VIRUS. 2. POPULATION DYNAMICS AND HOST UTILIZATION OF IMMATURE STAGES OF THE ROCKY MOUNTAIN WOOD TICK, /DERMACENTOR ANDERSONI/. J. Med. Entomol. 12 (6): 651-656. 20 Feb. 1976. WR 162

76-002032 Stewart, R. E. A.; Brooks, R. J. THE PERINEAL GLAND OF BROWN LEMMINGS, /LEMMUS TRIMUCRONATUS/. Can. J. Zool. 54 (6): 1013-1018. June 1976. In English with French summ. WR 162
[Univ. Guelph, Guelph, Ontario, Canada N1G 2W1]

76-002033 Warner, L. J.; Batt, G. T. SOME SIMPLE METHODS FOR RECORDING WILD HARVEST MOUSE (/MICROMYS MINUTUS/) DISTRIBUTION AND ACTIVITY. J. Zool. (Lond.) 179 (2): 226-229. June 1976. WR 162
[Imperial College Field Stn., Silwood Park, Sunninghill, Berkshire, England]

CANIDS

76-002034 Brunner, H.; Amor, R. L.; Stevens, P. L. THE USE OF PREDATOR SCAT ANALYSIS IN A MAMMAL SURVEY AT DARTMOUTH IN NORTH-EASTERN VICTORIA. Aust. Wildl. Res. 3 (1): 85-90. May 1976. WR 162
[Keith Turnbull Res. Inst., Frankston, Victoria 3199, Australia] The results of a localized mammal survey based on the analysis of scats of foxes and feral dogs (or dingoes), were compared with those from trapping and direct observations. --From abstr.

76-002035 Brunner, Hans; Lloyd, J. W.; Coman, Brian J. FOX SCAT ANALYSIS IN A FOREST PARK IN SOUTH-EASTERN AUSTRALIA. Aust. Wildl. Res. 2 (2): 147-154. Nov. 1975. WR 162
[Keith Turnbull Inst., Frankston, Victoria 3199, Australia] /Vulpes vulpes/.

76-002036 Connolly, Guy E.; Timm, Robert M.; Howard, Walter E.; Longhurst, William M. SHEEP KILLING BEHAVIOR OF CAPTIVE COYOTES. J. Wildl. Manage. 40 (3): 400-407. July 1976. WR 162
[U.S. Fish & Wildl. Serv., Box 593, Twin Falls, Idaho 83301] /Canis latrans/.

76-002037 Davidar, E. R. C. OBSERVATIONS AT THE DENS OF THE DHOLE OR INDIAN WILD DOG (/CUON ALPINUS/). J. Bombay Nat. Hist. Soc. 71 (2): 183-187. Aug. 1974. WR 162

76-002038 Druuk, Hans FEEDING AND SOCIAL BEHAVIOUR OF THE STRIPED HYAENA (/HYAENA VULGARIS/ DESMAREST). E. Afr. Wildl. J. 14 (2): 91-111. June 1976. WR 162
[Serengeti Res. Inst., Arusha, Tanzania]

76-002039 Egoscue, Harold J. POPULATION DYNAMICS OF THE KIT FOX IN WESTERN UTAH. Bull. South. Calif. Acad. Sci. 74 (3): 122-127. Dec. 1975. WR 162
[Natl. Zool. Park, Washington, D.C. 20009] The dynamics of a kit fox, /Vulpes macrotis nevadensis/, population in western Utah was studied for four years coincidental with a population decline and initial recovery stages of the black-tailed jackrabbit, /Lepus californicus diserticola/. --From abstr.

76-002040 Forbes, T. O. A.; Lance, A. N. THE CONTENTS OF FOX SCATS FROM WESTERN IRISH BLANKET BOG. J. Zool. (Lond.) 179 (2): 224-226. June 1976. WR 162
[Peatland Exp. Stn., Glenamoy, County Mayo, Ireland] /Vulpes vulpes/ in Ireland.

76-002041 Fox, Michael; Johnsingh, A. J. T. HUNTING AND FEEDING IN WILD DOGS. J. Bombay Nat. Hist. Soc. 72 (2): 321-326. Aug. 1975. WR 162
[Washington Univ., St. Louis, Mo.] /Cuon alpinus/ in India.

76-002042 Geiger, G.; Herzog, A. POLYMELIE (PYGOMELIE) BEIM ROTFUCHS (/VULPES VULPES/). [POLYMELIE (PYGOMELIE) IN RED FOX (/VULPES VULPES/).] Z. Jagdwiss. 22 (2): 105-109. June 1976. In German with French and English summ. WR 162

76-002043 Grace, Eric S. INTERACTIONS BETWEEN MEN AND WOLVES AT AN ARCTIC OUTPOST ON ELLESMERE ISLAND. Can. Field-Nat. 90 (2): 149-156. Apr.-June 1976. WR 162
[Ontario Sci. Center, 700 Don Mills Rd., Don Mills, Ontario M3C 1T3, Canada] /Canis lupus arctos/.

76-002044 Gustavson, Carl R.; Kelly, Daniel J.; Sweeney, Michael PREY-LITHIUM AVERSIONS. I: COYOTES AND WOLVES. Behav. Biol. 17 (1): 61-72. May 1976. WR 162
[Eastern Wash. State Coll., Cheney] Abstract: Captive coyotes were fed rabbit flesh treated with lithium chloride (LiCl) and captive wolves were fed similarly treated sheep flesh. One or two treatments inhibited predatory attack upon the living prey, but left the appetite for alternative prey unaffected. A caged cougar refused to eat deer meat after one meal of venison laced with LiCl. Sheep flavored baits and sheep carcasses laced with LiCl, distributed on a 3000 acre sheep ranch in southeastern Washington, were consumed by feral coyotes. A comparison of this year's sheep losses with the rancher's past records suggested a 30-60 percent reduction in sheep killed by coyotes following this application of taste aversion conditioning in the field.

76-002045 Monson, Ruth A.; Stone, Ward B. CANINE DESTEMPER IN WILD CARNIVORES IN NEW YORK. N.Y. Fish Game J. 23 (2): 149-154. July 1976. WR 162

76-002046 Nellis, Carl H.; Keith, Lloyd B. POPULATION DYNAMICS OF COYOTES IN CENTRAL ALBERTA, 1964-68. J. Wildl. Manage. 40 (3): 389-399. July 1976. WR 162
[Idaho Dep. Fish & Game, P.O. Box 428, Jerome 83338] /Canis latrans/.

76-002047 Ryan, G. E.; Croft, J. D. OBSERVATIONS ON THE FOOD OF THE FOX, /VULPES VULPES/ (L.), IN KINCHEGA NATIONAL PARK, MENINDEE, N.S.W. Aust. Wildl. Res. 1 (2): 89-94. Dec. 1974. WR 162
[New South Wales Dep. Agric., Glenfield, New South Wales 2167, Australia]

76-002048 Ryan, G. E. OBSERVATIONS ON THE REPRODUCTION AND AGE STRUCTURE OF THE FOX, /VULPES VULPES/ L., IN NEW SOUTH WALES. Aust. Wildl. Res. 3 (1): 11-20. May 1976. WR 162
[P.O. Box 610, Devonport, Tasmania 7310, Australia]

76-002049 Stains, Howard J. CALCANEA OF MEMBERS OF THE CANIDAE. Bull. South. Calif. Acad. Sci. 74 (3): 143-155. Dec. 1975. WR 162
[Southern Ill. Univ., Carbondale 62901] The calcanea of 25 species (14 genera) of canids are described and compared. --From abstr.

76-002050 Stone, Ward B.; Roscoe, Douglas E.; Weber, Bruce L. SPONTANEOUS AND EXPERIMENTAL TRANSER OF SARCOPTIC MANGE MITES FROM RED FOXES TO HUMANS. N.Y. Fish Game J. 23 (2): 183-184. July 1976. WR 162
/Vulpes fulva/.

76-002051 Von Reyn, C. Fordham; Barnes, Allan M.; Weber, Neil S.; Quan, Thomas; Dean, W. J. BUBONIC PLAGUE FROM DIRECT EXPOSURE TO A NATURALLY INFECTED WILD COYOTE. Am. J. Trop. Med. Hyg. 25 (4): 626-629. July 1976. WR 162
[Beth Israel Hospital, Boston, Mass 02215] /Canis latrans/ in New Mexico.

BEARS

76-002052 Faro, James B.; Eide, Sterling H. MANAGEMENT OF MCNEIL RIVER STATE GAME SANCTUARY FOR NONCONSUMPTIVE USE OF ALASKAN BROWN BEARS. Proc. Annu. Conf. W. Assoc. State Game Fish Comm. 54: 113-118. 1974. WR 162
[Alaska Dep. Fish & Game, King Salmon 99613] /Ursus arctos/.

76-002053 Hardy, David M. SWAMP BEARS OF DARE COUNTY. Wildl. N.C. 40 (2): 22-23. Feb. 1976. WR 162
Popular account of bear research in eastern North Carolina.

76-002054 Lindzey, Frederick G.; Meslow, E. Charles WINTER DORMANCY IN BLACK BEARS IN SOUTHWESTERN WASHINGTON. J. Wildl. Manage. 40 (3): 408-415. July 1976. WR 162
[Oreg. Coop. Wildl. Res. Unit, Corvallis 97331] Despite relatively mild weather, black bears (/Ursus americanus/) in southwestern Washington entered dens and remained for an average of 126 days. --From abstr.

MUSTELIDS

76-002055 Abram, James B.; Lichtenfels, J. Ralph LARVAL /EUSTRONGYLIDES/ SP. (NEMATODA: DIOCTOPHYMATOIDEA) FROM OTTER, /LUTRA CANADENSIS/, IN MARYLAND. Proc. Helminthol. Soc. Wash. 41 (2): 253. July 1974. WR 162
[Hampton Inst., Hampton, Va. 23368]

76-002056 Beach, Richard J.; Newly, T. C.; Larson, R. O.; Pedersen, M.; Juris, J. SEA OTTER OBSERVATIONS FROM THE M/V MARK I IN THE ALEUTIAN ISLANDS, ALASKA. Murrelet 56 (3): 17-19. Sept.-Dec. 1975. WR 162
[P.O. Box 378, Pullman, Wash. 99163] /Enhydra lutris/.

76-002057 Craig, R. E.; Borecky, R. A. METASTRONGYLES (NEMATODA: METASTRONGYLOIDEA) OF FISHER (MARTES PENNANTI) FROM ONTARIO. Can. J. Zool. 54 (5): 806-807. May 1976. In English with French summ. WR 162
[Minist. Nat. Resour. Foothill, Ontario, Canada L0S 1E0]

76-002058 Foreyt, William J.; Todd, A. C. PREVALENCE OF COCCIDIA IN DOMESTIC MINK IN WISCONSIN. J. Parasitol. 62 (3): 496. June 1976. WR 162
[Univ. Wis., Madison 53706] /Mustela vison/.

76-002059 King, Carolyn M. THE NEMATODE /SKRJABINGYLUS NASICOLA/ (METASTRONGYLOIDAE) IN MUSTELIDS: A NEW RECORD FOR NEW ZEALAND. N. Z. J. Zool. 1 (4): 501-502. Nov. 1974. WR 162
[Ecol. Div., DSIR, Lower Hutt, New Zealand] /Mustela erminea/, /M. nivalis/ and /M. putorius/.

76-002060 Miller, Dan SKINDIVERS, ABALONE AND SEA OTTERS. Outdoor Calif. 35 (4): 1-4. July-Aug. 1974. WR 162
/Enhydra lutris/ in California.

76-002061 Newby, Terrell C. A SEA OTTER (/ENHYDRA LUTRIS/) FOOD DIVE RECORD. Murrelet 56 (1): 7. Jan.-Apr. 1975. WR 162
[Univ. Wash., Seattle 98105] Three hundred eighteen feet.

76-002062 Rusiniak, Kenneth W.; Gustavson, Carl R.; Hankins, Walter G.; Garcia, John PREY-LITHIUM AVERSIONS. II: LABORATORY RATS AND FERRETS. Behav. Biol. 17 (1): 73-85. May 1976. WR 162
[Univ. Calif., Los Angeles] Abstract: Lithium-induced prey aversions were studied in the Laboratory rat and ferret. Both species acquired aversions, blocking consumption of flavored foods and the flesh of mice. In the rat, attack was also blocked when illness immediately followed mouse-killing, when mice were dipped in a strongly aversive flavor, and when illness followed killing and eating of prey dipped in an artificial flavor with strong olfactory and gustatory properties. Testing context was of some importance. The ferret on the other hand, continued to attack, killing mice with its feet rather than with a bite to the neck. Strong footshock produced a transient inhibition of attack that was specific to the training situation. These results with laboratory species are in distinct

76-002062 CONTINUED
contrast to those with wild predators.

76-002063 Shump, Ann Cynthia Underhill MATERNAL BEHAVIOR OF THE FERRET, /MUSTELA PUTORIUS/. Ph. D. dissertation, Mich. State Univ. 108p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(12), 1976. WR 162

76-002064 Shump, Ann U.; Shump, Karl A., Jr.; Heidt, Gary A.; Aulerich, Richard J. A BIBLIOGRAPHY OF MUSTELIDS. PART II: MINK. Mich. Agric. Exp. Stn. J. Artic. no. 7390. ii + 156p. Feb. 1976. WR 162
[Mich. State Univ., East Lansing 48824] A classified bibliography for the period 1900-1974.

76-002065 Shump, Karl A., Jr.; Shump, Ann U.; Aulerich, Richard J.; Heidt, Gary A. A BIBLIOGRAPHY OF MUSTELIDS. PART V: OTTERS. Mich. Agric. Exp. Stn. J. Artic. no. 7759. i + 32p. 1976. WR 162
[Mich. State Univ., East Lansing 48824]

76-002066 Tapper, Stephen C. THE DIET OF WEASELS, /MUSTELA NIVALIS/ AND STOATS, /MUSTELA ERMINEA/ DURING EARLY SUMMER, IN RELATION TO PREDATION ON GAMEBIRDS. J. Zool. (Lond.) 179 (2): 219-224. June 1976. WR 162
[Game Conservancy, Fordingbridge, England]

76-002067 Zaleska-Freljan, Krystyna HISTOLOGICAL CHANGES IN THE GONADS OF THE AMERICAN MINK DURING POSTNATAL DEVELOPMENT. Acta Theriol. 21 (21): 287-298. May 1976. In English with Polish summ. WR 162
[Univ. Warsaw, 02-089 Warsaw, Poland] /Mustela vison/.

CATS

76-002068 Ashman, Dave MOUNTAIN LION STUDY. Nev. Outdoors Wildl. Rev. 9 (1): 12-14. 1975. WR 162
/Felis concolor/ in Nevada.

76-002069 Azarov, V. I. [DISTRIBUTION AND MIGRATIONS OF /FELIS LYNX/ IN THE SOUTH OF WEST SIBERIA AND IN NORTH KAZAKHSTAN.] Zool. Zh. 55 (4): 624-628. Apr. 1976. In Russian with English summ. WR 162

76-002070 Brand, Christopher J.; Keith, Lloyd B.; Fischer, Charles A. LYNX RESPONSES TO CHANGING SNOWSHOE HARE DENSITIES IN CENTRAL ALBERTA. J. Wildl. Manage. 40 (3): 416-428. July 1976. WR 162
[Univ. Wis., Madison 53706] Functional (dietary) and numberical responses by lynx (/Lynx canadensis/) to changing snowshoe hare (/Lepus americanus/) densities were studied by trailing lynx for 900 km during winter 1964-68 and 1971-75 at Rochester, Alberta. Lynx populations on a 130-km study area responded numerically to changes in hare desnities; the low of 3 in 1966-67 and apparent peak of 13 in 1971-72 followed by 1 year a respective low and subsequent peak among hares. There were no kittens present on the study area during five winters of greatest hare scarcity. --From abstr.

76-002071 Brglez, J.; Zeleznik, Z. EINE UEBERSICHT UEBER DIE PARASITEN DER WILDKATZE (/FELIS SILVESTRIS/ SCHREBER) IN SLOWENIEN. [THE EXAMINATION OF THE PARASITES OF WILD CAT (/FELIS SILVESTRIS/ SCHREBER) IN SLOVENIA.] Z. Jagdwiss. 22 (2): 109-112. June 1976. In German with French and English summ. WR 162

76-002072 Campbell, Doug CALIFORNIA COUGARS ARE NOT THREATENED. Outdoor Calif. 37 (2): 1,4. Mar.-Apr. 1976. WR 162
/Felis concolor/.

76-002073 Chassin, Pamela Sue; Taylor, C. Richard; Heglund, Norman C.; Seeherman, Howard J. LOCOMOTION IN LIONS: ENERGETIC COST AND MAXIMUM AEROBIC CAPACITY. Physiol. Zool. 49 (1): 1-10. Jan. 1976. WR 162
[Harvard Univ., Cambridge, Mass. 02138] /Felis leo/.

76-002074 Desai, J. H. OBSERVATIONS ON THE REPRODUCTIVE BIOLOGY AND EARLY POSTNATAL DEVELOPMENT OF THE PANTHER, /PANTHERA PARDUS/ L., IN CAPTIVITY. J. Bombay Nat. Hist. Soc. 72 (2): 293-304. Aug. 1975. WR 162

76-002075 Hardison, Stewart CAROLINA COUGAR: AN UPDATE. Wildl. N.C. 40 (1): 15-17. Jan. 1976. WR 162
/Felis concolor/ in North Carolina.

76-002076 Sheehan, Joe THE MOUNTAIN LION IN CALIFORNIA. Outdoor Calif. 36 (2): 4-5. Mar.-Apr. 1975. WR 162
/Felis concolor/.

MARINE MAMMALS

76-002077 Beamish, Peter; Mitchell, Edward SHORT PULSE LENGTH AUDIO FREQUENCY SOUNDS RECORDED IN THE PRESENCE OF A MINKE WHALE (/BALAENOPTERA ACUTOROSTRATA/). Deep-Sea Res. Oceanogr. Abstr. 20 (4): 375-386. 1973. WR 162
[Marine Ecol. Lab., Bedford Inst., Dartmouth, Nova Scotia, Canada] Abstract: We recorded sounds principally between 4 and 7.5 kHz and with click repetition rates of 6.75± 1.02 clicks per second, in the presence of a Minke or Little Piked whale that was circliof echolocation by Mysticeti.

76-002078 Bryden, M. M.; Erickson, A. W. BODY SIZE AND COMPOSITION OF CRABEATER SEALS (/LABODON CARCINOPHAGUS/), WITH OBSERVATIONS ON TISSUE AND ORGAN SIZE IN ROSS SEALS (/OMMATOPHOCA ROSSI/). J. Zool. (Lond.) 179 (2): 235-247. June 1976. WR 162
[Univ. Queensland, St. Lucia 4067, Australia]

76-002079 Bryden, M. M. OBSERVATIONS ON A PYGMY KILLER WHALE, /FERESA ATTENUATA/, STRANDED ON THE EAST COAST OF AUSTRALIA. Aust. Wildl. Res. 3 (1): 21-28. May 1976. WR 162
[Univ. Queensland, St. Lucia, Queensland 4067, Australia] This is the first record of a stranding or sighting of the genus /Feresa/ in Australian waters. --From abstr.

76-002080 Durham, Floyd E.; Beierle, John W. INVESTIGATIONS ON THE POSTANAL SAC OF THE GRAY WHALE /ESCHRICHTIUS ROBUSTUS/. Bull. South. Calif. Acad. Sci. 75 (1): 1-5. May 1976. WR 162
[Nat. Hist. Mus. Los Angeles County, Los Angeles, Calif. 90007]

76-002081 Heath, Martha E.; Schusterman, Ronald J. "DISPLACEMENT" SAND FLIPPING IN THE NORTHERN ELEPHANT SEAL (/MIROUNGA ANGUSTIROSTRIS/). Behav. Biol. 14 (3): 379-385. July 1975. WR 162
[Calif. State Univ., Hayward 94542]

76-002082 Kooyman, G. L.; Gentry, R. L.; Urquhart, D. L. NORTHERN FUR SEAL DIVING BEHAVIOR: A NEW APPROACH TO ITS STUDY. Science 193 (4251): 411-412. 30 July 1976. WR 162
[Univ. Calif., San Diego, La Jolla 92093] Abstract: A new type of depth-time recorder was used to monitor behavior of fur seals at sea. During 608 hours, 2957 dives were recorded for four animals. The deepest dive was 190 meters, and the longest submersion was 5.6 min.

76-002083 Leatherwood, Stephen; Beach, Douglas W. A CALIFORNIA GRAY WHALE CALF (/ESCHRICHTIUS ROBUSTUS/) BORN OUTSIDE THE CALVING LAGOONS. Bull. South. Calif. Acad. Sci. 74 (1): 45-46. Apr. 1975. WR 162
[Naval Undersea Cent., San Diego, Calif. 92132]

76-002084 Lee, David S. MERMAIDS IN DISTRESS. Wildl. N.C. 40 (7): 8-9,27. July 1976. WR 162
[N.C. State Mus., Raleigh]

76-002085 Lisitzina, T. Yu. [THE TERRITORIAL BEHAVIOUR OF THE NORTHERN SEA-LIONS /EUMETOPIAS JUBATUS/ (OTARIIDAE).] Zool. Zh. 55 (3): 408-420. Mar. 1976. In Russian with English summ. WR 162
[Inst. Anim. Evol. Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR]

76-002086 Millais, J. G. FROM PLACENTIA BAY TO SPITZBERGEN: A NATURALIST ABOARD A NORTH ATLANTIC WHALER. Nat. Can. (Ottawa) 2 (4): 4-8. Oct.-Dec. 1973. WR 162
Reprint of material written in 1907 which complements Edward Mitchell's paper.

76-002087 Miller, Edward H. ANNUAL CYCLE OF FUR SEALS, /ARCTOCEPHALUS FORSTERI/ (LESSON), ON THE OPEN BAY ISLANDS, NEW ZEALAND. Pac. Sci. 29 (2): 139-152. Apr. 1975. WR 162
[Dalhousie Univ., Halifax, Nova Scotia, Canada]

76-002088 Miller, Edward H. WALRUS ETHOLOGY. II. HERD STRUCTURE AND ACTIVITY BUDGETS OF SUMMERING MALES. Can. J. Zool. 54 (5): 704-715. May 1976. In English with French summ. WR 162
[Dalhousie Univ., Halifax, Nova Scotia, Canada] /Odobenus rosmarus/ in Alaska.

76-002089 Mitchell, Edward D. THE STATUS OF THE WORLD'S WHALES. Nat. Can. (Ottawa) 2 (4): 9-25. Oct.-Dec. 1973. WR 162
[Arctic Biol. Stn., Ste. Anne de Bellevue, Quebec, Canada] "In this article I have only touched upon the 70-odd species of smaller cetaceans, the porpoises, dolphins, killer whales, pilot whales and the like. There are difficult management problems with regard to some of these species. Some may certainly be classed as 'endangered' in some way as a biologically distinct stock or species."

76-002090 Reeves, Randall R. NEW JERSEY DOLPHINS AND PORPOISES. N. J. Outdoors 3 (4): 2-5. July-Aug. 1976. WR 162
Popular account of 7 spp. of New Jersey dolphins.

76-002091 Reeves, Randall R. NORTH CAROLINA CETACEANS--MAMMALS OF THE SEA. Wildl. N.C. 40 (8): 4-6. Aug. 1976. WR 162
Includes a list of the cetaceans of North Carolina.

76-002092 Smith, G. J. D.; Browne, K. W.; Gaskin, D. E. FUNCTIONAL MYOLOGY OF THE HARBOUR PORPOISE, /PHOCOENA PHOCOENA/ (L.). Can. J. Zool. 54 (5): 716-729. May 1976. In English with French summ. WR 162
[Univ. Guelph, Guelph, Ontario, Canada]

76-002093 Sondergaard, Niels-Ole; Joensen, Anders Holm; Hansen, Ebbe Bogebjerg SAELERNES FOREKOMST OG SAELJAGTEN I DANMARK. [SEALS IN DENMARK.] Dan. Vildtundersogeler no. 26. 80p. 1976. In Danish with English summ. WR 162
/Phoca vitulina/.

76-002094 Southcott, R. V.; Chesterfield, N. J.; Warneke, R. M. THE VITAMIN A CONTENT OF THE LIVER OF THE AUSTRALIAN FUR SEAL, /ARCTOCEPHALUS PUSILLUS DORIFERUS/. Aust. Wildl. Res. 1 (2): 145-148. Dec. 1974. WR 162
[2 Taylors Rd., Mitcham, South Australia 5062, Australia]

76-002095 Terhune, J. M.; Ronald, K. THE UPPER FREQUENCY LIMIT OF RINGED SEA HEARING. Can. J. Zool. 54 (7): 1226-1229. July 1976. In English with French summ. WR 162
[Univ. New Brunswick, Fredericton, New Brunswick, Canada E3B 5A3]
Abstract: The upper frequency-discrimination limits of two ringed seals [/Phoca hispida/] were estimated by examining each seal's ability to differentiate between constant frequency and frequency-modulated pulses. The upper frequency limit was found to be 60 kHz for both seals. As a result, in the frequency range above 60 kHz pitch and spectral content information will not be differentiated.

76-002096 Valiulina, F. G.; Khomenko, B. G. [MICROMORPHOLOGY OF THE TONGUE RECEPTOR SYSTEM IN /TURSIOPS TRUNCATUS/.] Zool. Zh. 55 (3): 467-470. Mar. 1976. In Russian with English summ. WR 162
[Inst. Zool. Acad. Sci. Ukrainian SSR, Kiev, USSR]

76-002097 Whittow, G. C.; Szekerczes, J.; Kridler, E.; Olsen, D. L. SKIN STRUCTURE OF THE HAWAIIAN MONK SEAL (/MONACHUS SCHAUINSLANDI/). Pac. Sci. 29 (2): 153-157. Apr. 1975. WR 162
[Univ. Hawaii, Honolulu 96822] Abstract: Skin samples from the dorsal region of the torsos of Hawaiian Monk Seals were examined histologically to determine if there were any features of the structure of the skin that might explain the reputed heat tolerance of these seals. The skin structure was compatible with an animal exposed to strong solar radiation, in which nonevaporative heat loss was promoted, but little could be discerned to suggest the existence of functional evaporative cooling mechanisms.

UNGULATES--GENERAL

76-002098 Ables, Ernest D.; Ramsey, Charles W. INDIAN MAMMALS ON TEXAS RANGELANDS. J. Bombay Nat. Hist. Soc. 71 (1): 18-25. Apr. 1974. WR 162
[Tex. A&M Univ., College Station] Abstract: Seven species of Indian ungulates have been introduced onto rangelands in Texas. At least four of these species are successfully established with population in excess of 4,000 animals. Similarities and contrasts between the Texas and Indian habitats are noted and the role of exotics on Texas rangelands is discussed.

76-002099 Bunch, Thomas D.; Meadows, Roy W.; Foote, Warren C.; Egbert, Larre N.; Spillett, J. Juan IDENTIFICATION OF UNGULATE HEMOGLOBINS FOR LAW ENFORCEMENT. J. Wildl. Manage. 40 (3): 517-522. July 1976. WR 162
[Utah State Univ., Logan 84322] Abstract: Hemoglobins of elk (/Cervus canadensis/), moose (/Alces alces/), pronghorn antelope (/Antilocapra americana/), mule deer (/Odocoileus hemionus/), and desert bighorn sheep (/Ovis canadensis/) were analyzed by analytical polyacrylamide gel isoelectric focusing (APGIF). Hemoglobin patterns of fresh, frozen, and air-dried hemolysates were characteristic for each species. Moose and elk patterns were similar, but not identical. Hemoglobin patterns of wild ungulates were compared to those of domestic sheep, cattle, and swine. With the exception of wild and domestic sheep, banding positions and densities were species specific. APGIF is a reliable, consistent, rapid, and inexpensive technique that may be used to identify animal species from fresh, frozen, and air-dried blood samples.

76-002100 Dzieciolowski, Ryszard ESTIMATING UNGULATE NUMBERS IN A FOREST BY TRACK COUNTS. Acta Theriol. 21 (15): 217-222. May 1976. In English with Polish summ. WR 162
[Forest Res. Inst., Wery Kostrzewy 3, 00-973 Warsaw, Poland]
/Cervus elaphus/, /Capreolus capreolus/ and /Sus scrofa/ in Poland.

ODOCOILEUS

76-002101 Abler, W. A.; Buckland, D. E.; Kirkpatrick, R. L.; Scanlon, P. F. PLASMA PROGESTINS AND PUBERTY IN FAWNS AS INFLUENCED BY ENERGY AND PROTEIN. J. Wildl. Manage. 40 (3): 442-446. July 1976. WR 162
[Va. Polytech. Inst. & State Univ., Blacksburg 24061] /Odocoileus virginianus/.

76-002102 Anderson, Cliff FAWN TELEMETRY STUDY. Nev. Outdoors Wildl. Rev. 8 (4): 1-2. 1974. WR 162
/Odocoileus hemionus/ in Nevada.

76-002103 Drolet, Charles A. DISTRIBUTION AND MOVEMENTS OF WHITE-TAILED DEER IN SOUTHERN NEW BRUNSWICK IN RELATION TO ENVIRONMENTAL FACTORS. Can. Field-Nat. 90 (2): 123-136. Apr.-June 1976. WR 162
[Canadian Wildl. Serv., Quebec, Quebec G1V 3W5, Canada] /Odocoileus virginianus/.

76-002104 Evans, Charles; Haines, Dennis; Chesemore, David DEER EAT THE DARNDEST THINGS. Outdoor Calif. 36 (3): 1-4. May-June 1975. WR 162
/Odocoileus hemionus/ in California.

76-002105 Hardin, J. W.; Silvy, N. J.; Klimstra, W. D. GROUP SIZE AND COMPOSITION OF THE FLORIDA KEY DEER. J. Wildl. Manage. 40 (3): 454-463. July 1976. WR 162
[Southern Ill. Univ., Carbondale 62901] /Odocoileus virginianus clavium/ in Florida.

76-002106 Heuer, David E.; Phillips, John H.; Rudersdorf, Ward J.; Harley, John P. RANGE EXTENSION RECORDS FOR /COOPERIA CURTICEA/, /OSTERTAGIA OSTERTAGI/, /SETARIA YEHI/, AND /TRICHURIS OVIS/ IN WHITE-TAILED DEER FROM KENTUCKY. Proc. Helminthol. Soc. Wash. 42 (2): 141-143. July 1975. WR 162
[Harley: Eastern Ky. Univ., Richmond 10175] /Odocoileus virginianus/.

76-002107 Jacobsen, Nadine K.; Armstrong, William P.; Moen, Aaron N. SEASONAL VARIATION IN SUCCINYLCHOLINE IMMOBILIZATION OF CAPTIVE WHITE-TAILED DEER. J. Wildl. Manage. 40 (3): 447-453. July 1976. WR 162
[Univ. Calif., Davis 95616] /Odocoileus virginianus/.

76-002108 Jordan, Jack W.; Vohs, Paul A., Jr. NATALITY OF BLACK-TAILED DEER IN MCDONALD STATE FOREST, OREGON. Northwest Sci. 50 (2): 108-113. May 1976. WR 162
[P.O. Box 811, Soldotna, Alaska 99669] Natality of black-tailed deer (/Odocoileus hemionus columbianus/) in McDonald State Forest was evaluated by examination of 147 reproductive tracts. Yearlings collected from November 1968 to May 1970 averaged 0.79 corpora lutea per doe and adults averaged 1.76. Yearlings collected during spring in 1969 and 1970 averaved 0.88 fetus per doe; adults averaged 1.61 fetuses per doe. Fetuses and corpora lutea were absent in fawns. The peak of breeding, established from ovarian examination in late fall,

76-002108 CONTINUED
occurred from 1 to 16 November during both years of study. --From abstr.

76-002109 Long, Charles A.; Smart, David L. VARIATION AND CORRELATION OF THE OS CORDIS AND HEART IN /ODOCOILEUS VIRGINIANUS/ (ARTIODACTYLA). Tex. J. Sci. 27 (1): 155-161. Mar. 1976. WR 162
[Univ. Wis., Stevens Point 54481]

76-002110 McColm, Merlin MULE DEER DEPRESSION. Nev. Outdoors Wildl. Rev. 9 (4): 17-19. 1975. WR 162
/Odocoileus hemionus/.

76-002111 Schulte, John W.; Klimstra, W. D.; Dyer, W. G. PROTOZOAN AND HELMINTH PARASITES OF KEY DEER. J. Wildl. Manage. 40 (3): 579-581. July 1976. WR 162
[Lincoln Trail Junior Coll., Robinson, Ill. 62454] /Odocoileus virginianus clavium/ in Florida.

76-002112 Seamster, Michael H. IMPROVED DEER HABITAT THROUGH FORESTRY. Wildl. N.C. 40 (1): 10-11. Jan. 1976. WR 162
/Odocoileus virginianus/ in North Carolina.

76-002113 Silvy, Nova Jacob POPULATION DENSITY, MOVEMENTS, AND HABITAT UTILIZATION OF KEY DEER, /ODOCOILEUS VIRGINIANUS CLAVIUM/. Ph. D. dissertation, Southern Ill. Univ. 168p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(12), 1976. WR 162
In the Florida Keys, the habitat is endangered; as the habitat changes, so will the deer. Protection of preferred Key deer habitat from continued development is essential to save the deer from extinction.

76-002114 Trainer, Charles DIRECT CAUSES OF MORTALITY IN MULE DEER FAWNS DURING SUMMER & WINTER PERIODS ON STEENS MOUNTAIN, OREGON--A PROGRESS REPORT. Proc. Annu. Conf. W. Assoc. State Game Fish Comm. 55: 163-170. 1975. WR 162
[Oreg. State Wildl. Comm., Portland 97208] /Odocoileus hemionus/.

76-002115 West, Nels Oscar HORMONAL REGULATION OF REPRODUCTION AND THE ANTLER CYCLE IN THE MALE COLUMBIAN BLACK-TAILED DEER (/ODOCOILEUS HEMIONUS COLUMBIANUS/). Ph. D. dissertation, Univ. British Columbia 1975. From Diss. Abstr. Int. B Sci. Eng. 36(12), 1976. WR 162

OTHER CERVIDS

76-002116 Bennetsen, Egon SIKAVILDTET (/CERVUS NIPPON/) I DANMARK. THE SIKA DEER (/CERVUS NIPPON/) IN DENMARK.] Dan. Vildtundersogeler no. 25. 32p. 1976. In Danish with English summ. WR 162

76-002117 Bennett, Gordon F.; Coombs, Richard F. ORNITHOPHILIC VECTORS OF AVIAN HEMATOZOA IN INSULAR NEWFOUNDLAND. Can. J. Zool. 53 (9): 1241-1246. Sept. 1975. In English with French summ. WR 162
[Memorial Univ. Newfoundland, St. John's, Newfoundland, Canada]

76-002118 Brglez, J.; Zeleznik, Z. PATHOGENESE DER HAUTFILARIOSE BEIM ROTHIRSCH. [THE PATHOGENICITY OF THE SKIN FILARIOSIS OF RED DEER.] Z. Jagdwiss. 22 (2): 112-115. June 1976. In German with French and English summ. WR 162
/Cervus elaphus/ in Yugoslavia.

76-002119 Cameron, R. D.; White, R. G.; Luick, J. R. ACCURACY OF THE TRITIUM WATER DILUTION METHOD FOR DETERMINING WATER FLUX IN REINDEER (/RANGIFER TARANDUS/). Can. J. Zool. 54 (6): 857-862. June 1976. In English with French summ. WR 162
[Alaska Dep. Fish & Game, 1300 College Rd., Fairbanks 99701]

76-002120 Dzieciolowski, Ryszard AGE APPRAISAL IN MOOSE. Acta Theriol. 21 (23): 307-310. May 1976. In English. WR 162
[Forest Res. Inst., Wery Kostrzewy 3, 00-973 Warsaw, Poland] A count of winter cement layers in incisors was compared with the tooth replacement and wear methods as a means of aging moose, /Alces alces/. --From abstr.

76-002121 Eiberle, K. ZUR BESTANDESERMITTLUNG BEIM ROTWILD. [ON THE CALCULATION OF POPULATION DEVELOPMENT OF RED DEER.] Z. Jagdwiss. 22 (2): 97-105. June 1976. In German with French and English summ. WR 162

76-002122 Geissler, B. PERUECKENBILDUNG BEIM DAMHIRSCH (/CERVUS DAMA/ L.). [MALFORMATION OF ANTLERS IN FALLOW DEER (/CERVUS DAMA/ L.).] Z. Jagdwiss. 22 (2): 115-117. June 1976. In German with French and English summ. WR 162

76-002123 Georgii, B. [ADRENAL WEIGHTS IN ROE DEER (/CAPREOLUS CAPREOLUS/ L.)] UNTERSUCHUNGEN UEBER DAS NEBENNIERENGEWICHT DES REHES (/CAPREOLUS CAPREOLUS/ L.). Z. Jagdwiss. 22 (2): 85-97. June 1976. In German with French and English summ. WR 162

76-002124 Johnson, Donald R. MOUNTAIN CARIBOU: THREATS TO SURVIVAL IN THE KOOTENAY PASS REGION, BRITISH COLUMBIA. Northwest Sci. 50 (2) : 97-101. May 1976. WR 162
[Univ. Idaho, Moscow 83843] Abstract: The Kootenay Pass region of southeastern British Columbia represents a vital segment of habitat for mountain caribou [/Rangifer tarandus montanus/] inhabiting the Selkirk Mountains. Existing and proposed developments there, including a major highway, power transmission lines, a natural gas pipeline and extensive logging, have reduced available habitat, modified caribou movements and intensified man-caused harassment and mortality. Continuing human encroachment jeopardizes the future existence of mountain caribou in the Kootenay Pass region.

76-002125 Kingston, Newton; Morton, Jamie K. RECOVERY OF MULTIPLICATION STAGES OF /TRYPANOSOMA CERVI/ KINGSTON AND MORTON, 1975, IN ELK SPLEEN. Proc. Helminthol. Soc. Wash. 42 (2): 179-181. July 1975. WR 162
[Univ. Wyo., Laramie 82071] /Cervus canadensis/ in Wyoming.

76-002126 Lankester, M. W.; Crichton, V. J.; Timmermann, H. R. A PROTOSTRONGYLID NEMATODE (STRONGYLIDA: PROTOSTRONGYLIDAE) IN WOODLAND CARIBOU (RANGIFER TARANDUS CARIBOU). Can. J. Zool. 54 (5): 680-684. May 1976. In English with French summ. WR 162
[Lakehead Univ. Thunder Bay, Ontario, Canada]

76-002127 Low, William A. PARASITES OF WOODLAND CARIBOU IN TWEEDSMUIR PROVINCIAL PARK, BRITISH COLUMBIA. Can. Field-Nat. 90 (2) : 189-191. Apr.-June 1976. WR 162
[CSIRO Alice Springs, Northern Territory, Australia] /Rangifer tarandus caribou/.

76-002128 McEwan, E. H.; Whitehead, Pamela; White, R. G.; Anvik, J. O. EFFECT OF DIGESTIBLE ENERGY INTAKE ON GLUCOSE SYNTHESIS IN REINDEER AND CARIBOU. Can. J. Zool. 54 (5): 737-751. May 1976. In English with French summ. WR 162

76-002129 Phillips, J. H.; Harley, J. P.; Rudersdorf, W. J. NEW HOST RECORD FOR /SETARIA YEHI/ DISSET, 1966, AND RANGE EXTENSION RECORDS FOR /DICTYOCAULUS VIVIPARUS/ (BLOCH, 1782) AND /OSTERTAGIA MOSSI/ DIKMANS, 1931, IN FALLOW DEER (/DAMA DAMA/ L.). Proc. Helminthol. Soc. Wash. 41 (2): 250. July 1974. WR 162
[Eastern Ky. Univ., Richmond 40475]

76-002130 Quinliven, G. Earl RETURN OF THE TULE ELK. Outdoor Calif. 36 (1): 5-7. Jan.-Feb. 1975. WR 162

76-002131 Sinh, Ranjit KEIBUL LAMJAO SANCTUARY AND THE BROWANTLERED DEER--1972 WITH NOTES ON A VISIT IN 1975. J. Bombay Nat. Hist. Soc. 72 (2): 243-255. Aug. 1975. WR 162
[Minist. Agric., Govt. of India, Krishi Bhavan, New Delhi, India] /Cervus eldi eldi/.

76-002132 Thorne, Tom ELK WEIGH IN. Wyo. Wildl. 40 (4): 24-27. Apr. 1976. WR 162
/Cervus canadensis/ in Wyoming. The management implications of size and weight.

76-002133 Ueckermann, E.; Scholz, H. VERGLEICH DER ERSATZDENTINBILDUNG IM 1. SCHNEIDEZAHN UND DER ZEMENTZONENBILDUNG IM 1. MOLAR MIT DEM ABNUTZUNGSGRAD DER BACKENZAEHNE IM UNTERKIEFER BEIM ROTHIRSCH (/CERVUS ELAPHUS/ L., 1758). [COMPARISON OF THE CEMENT ZONE BUILDUP IN THE FIRST MOLAR AND THE SECONDARY DENTINE BUILDUP IN THE FIRST INCISOR WITH THE DEGREE OF ATTRITION OF THE MOLARS IN THE LOWER JAW IN RED DEER (/CERVUS ELAPHUS/ L., 1758).] Z. Jagdwiss. 22 (2): 65-74. June 1976. In German with French and English summ. WR 162

76-002134 von Lehmann, E. EINIGE BEMERKUNGEN ZUM SIBIRISCHEN REH (/CAPREOLUS CAPREOLUS [PYGARGUS] CAUCASICUS/ DINNIK, 1910) IN MITTELEUROPA. [REMARKS CONCERNING SIBERIAN ROE DEER (/CAPREOLUS CAPREOLUS [PYGARGUS] CAUCASICUS/ DINNIK 1910) IN CENTRAL EUROPE.] Z. Jagdwiss. 22 (2): 75-84. June 1976. In German with French and English summ. WR 162

OTHER UNGULATES

76-002135 Bunnell, Fred L.; Olsen, Neil A. WEIGHTS AND GROWTH OF DALL SHEEP IN KLUANE PARK RESERVE, YUKON TERRITORY. Can. Field-Nat. 90 (2): 157-162. Apr.-June 1976. WR 162
[Univ. British Columbia, Vancouver, British Columbia V6T 1W5, Canada] Age-specific, live weights of 14 adult and 11 subadult Dall sheep (/Ovis dalli dalli/) are presented. --From abstr.

76-002136 Challies, C. N. FERAL PIGS (/SUS SCROFA/) ON AUCKLAND ISLAND: STATUS, AND EFFECTS ON VEGETATION AND NESTING SEA BIRDS. N. Z. J. Zool. 2 (4): 479-490. Nov. 1975. WR 162
[Forest Res. Inst., Rangiora, New Zealand]

76-002137 Church, J. M. F.; Rees, Wendy A. A COMPUTER PROGRAMME FOR PRIMARY PRODUCTIVITY STUDIES. E. Afr. Wildl. J. 14 (2): 169-170. June 1976. WR 162
[2 School St., Rothley, Leicester LE7 7RA, England] /Kobus leche kafuensis/ in Zambia.

76-002138 Cooper, A. C. D.; Carmichael, I. H. THE INCIDENCE OF BRUCELLOSIS IN GAME IN BOTSWANA. Bull. Epizoot. Dis. Afr. 22 (2): 119-124. June 1974. WR 162
[Vet. Res. Lab., Gaborone, Botswana] A survey of the incidence of Brucellosis in game from five areas in Botswana revealed evidence of infection in three of ten species. These were buffalo, tsessebe and bushbuck. No definitive evidence of infection was found in impala, wildebeeste, lechwe, kudu, warthog, hartebeeste and springbok. --From summ.

76-002139 Crump, William BIGHORN SHEEP UPDATE. INTENSIVE MANAGEMENT HAS RESULTED IN EXPANDED POPULATIONS. Wyo. Wildl. 40 (1): 21-24. Jan. 1976. WR 162
/Ovis canadensis/ in Wyoming.

76-002140 Drager, N.; Patterson, L.; Breton, D. IMMOBILIZATION OF AFRICAN BUFFALOES (/SYNCERUS CAFFER CAFFER/) IN LARGE NUMBERS FOR VETERINARY RESEARCH. E. Afr. Wildl. J. 14 (2): 113-120. June 1976. WR 162
[Dep. Anim. Health, P.O. Box 6, Maun, Ngamiland, Botswana] Studies in Botswana.

76-002141 Erfani, Hossein; Van Tassel, R. COMPOSITIONAL DATA ON SOME PERSIAN BEZOARS. Acta. Zool. Pathol. Antverpiensia no. 64. 105-113. Feb. 1976. In English with Dutch, French and German summ. WR 162
[Teheran Univ., Teheran, Iran] /Capra aegagrus/ and /Bos domesticus/.

76-002142 Estes, Richard D. THE SIGNIFICANCE OF BREEDING SYNCHRONY IN THE WILDEBEEST. E. Afr. Wildl. J. 14 (2): 135-152. June 1976. WR 162
[Acad. Nat. Sci., 19th & The Parkway, Phiadelphia, Pa. 19103] /Connochaetes taurinus/ in Tanzania.

76-002143 Finch, V. COAT COLOUR AND STRUCTURE AS AN INDEX OF HEAT TOLERANCE IN SOME EAST AFRICAN HERBIVORES. Bull. Epizoot. Dis. Afr. 22 (2): 167-168. June 1974. WR 162
[Univ. Nairobi, Nairobi, Kenya] Eland, zebu and hartebeest in Kenya.

76-002144 Goodine, Guy A. THE WILD ONES. Am. For. 82 (4): 42-45, 49-50. Apr. 1976. WR 162
Popular account of feral horses and burros in the west--total count: 45,207 horses, 14,646 burros.

76-002145 Graber, M. /CYSTICERCUS BOVIS/ PARASITIZING WILD RUMINANTS IN THE REPUBLIC OF CHAD. Bull. Epizoot. Dis. Afr. 22 (4): 345-348. Dec. 1974. WR 162

76-002146 Hansen, Richard M. FOODS OF FREE-ROAMING HORSES IN SOUTHERN NEW MEXICO. J. Range Manage. 29 (4): 347. July 1976. WR 162
[Colo. State Univ., Fort Collins 80523] Highlight: Seasonal foods of free-roaming wild horses were determined in southern New Mexico by microhistological analyses of fecal samples. The most important forages consumed annually by wild horses were Russianthistle (29 percent), dropseed (21 percent), mesquite (16 percent), and Junegrass (12 percent). Seasonal differences in the percentages of the diets were found for mesquite, Junegrass, and saltbush.

76-002147 Hedger, R. S.; Forman, A. J.; Woodford, M. H. FOOT-AND-MOUTH DISEASE VIRUS IN EAST AFRICAN BUFFALO. Bull. Epizoot. Dis. Afr. 21 (1): 99-101. mar. 1973. In English with French summ. WR 162
[Animal Virus Res. Inst., Pirbright, Surrey, England] /Syncerus caffer/ in Uganda.

76-002148 Hofmann, R. R.; Musangi, R. S. COMPARATIVE DIGESTIBILITY COEFFICIENTS OF DOMESTIC AND GAME RUMINANTS FROM MARGINAL LAND IN EAST AFRICA. Bull. Epizoot. Dis. Afr. 21 (4): 385-388. Dec. 1973. WR 162
[Justus Liebig-Univ., 6300 Giesen, West Germany]

76-002149 Janitschke, K.; Protz, D.; Werner, H. BEITRAG ZUM ENTWICKLUNGSZYKLUS VON SARKOSPORIDIEN DER GRANTGAZELLE (/GAZELLA GRANTI/). [CONTRIBUTION TO LIFE-CYCLE OF SARCOSPORIDIA IN THE GRANT'S GAZELLE.] Z. Parasitenk. 48 (3/4): 215-219. 1976. In German with English summ. WR 162

76-002150 Jarman, M. V. IMPALA SOCIAL BEHAVIOUR: BIRTH BEHAVIOUR. E. Afr. Wildl. J. 14 (2): 153-167. June 1976. WR 162
[Univ. New England, Armidale, New South Wales 2351, Australia] /Aepycerus melampus/ in Tanzania.

76-002151 Rudge, M. R.; Joblin, R. J. COMPARISON OF SOME METHODS OF CAPTURING AND MARKING FERAL GOATS (/CAPRA HIRCUS/). N. Z. J. Zool. 3 (1): 51-55. Feb. 1976. WR 162
[Ecol. Div., DSIR, P.O. Box 30466, Lower Hutt, New Zealand] Abstract: Automatic self-attaching collars, immobilising drugs, pen traps, and salt-lick lures were assessed as aids to marking feral goats in mountain country. Salt licks were ignored. Pen traps were prone to damage or could deter goats from using the area. Automatic collars required about 0.6 man-days work per collar taken, but wind-throw and distrubance by deer and trampers reduced their effectiveness. Darts shot from a Paxarm gun were used to inject non-lethal immobilising drugs. Fentanylazaperone was preferred to Rompun because recovery from it was accelerated with the antidote Lethidrone. Drug absorption was not materially hastened with hyaluronidase enzyme. Goats caught at a rate of 1/1.3 man-days were aged, sexed, and marked with a steel eartag, a chainlink collar, and an epoxy resin colour-coded horn cone. Coded cones were readable up to 150-200 m with X9 binoculars.

76-002152 Rweyemamu, M. M. THE INCIDENCE OF INFECTIOUS BOVINE RHINOTRACHEITIS ANTIBODY IN TANZANIAN GAME ANIMALS AND CATTLE. Bull. Epizoot. Dis. Afr. 22 (1): 19-22. Mar. 1974. WR 162
[East African Vet. Res. Organization, Muguga, P.O. Box 32, Kikuyu, Kenya] Data for 10 wildlife species.

76-002153 Sachs, R.; Rack, G.; Woodford, M. H. OBSERVATIONS ON PENTASTOMID INFESTATION OF EAST AFRICAN GAME ANIMALS. Bull. Epizoot. Dis. Afr. 21 (4): 401-409. Dec. 1973. WR 162
[Tropeninstitut, Bernhard-Nocht-Strasse 74, 2000 Hamburg 4, West Germany]

76-002154 Schwartz, Charles C.; Nagy, Julius G. PRONGHORN DIETS RELATIVE TO FORAGE AVAILABILITY IN NORTHEASTERN COLORADO. J. Wildl. Manage. 40 (3): 469-478. July 1976. WR 162
[Colo. State Univ., Fort Collins 80523] Studies were conducted to determine the botanical composition of the diet of tame pronghorns (/Antilocapra americana/) on a grama-buffalo grass (/Bouteloua-Buchloe/) prairie under light and heavy cattle grazing regimes. --From abstr.

76-002155 Schwartz, Charles C.; Nagy, Julius G.; Kerr, Stephen M. REARING AND TRAINING PRONGHORNS FOR ECOLOGICAL STUDIES. J. Wildl. Manage. 40 (3): 464-468. July 1976. WR 162
[Colo. State Univ., Fort Collins 80523] /Antilocapra americana/ in Colorado.

76-002156 Spinage, C. A. AGE DETERMINATION OF THE FEMALE GRANT'S GAZELLE. E. Afr. Wildl. J. 14 (2): 121-134. June 1976. WR 162
[U.N. Development Programme, B.P. 872, Central African Republic] /Gazelle granti serengetae/ in Tanzania.

76-002157 Sweeney, James Michael ELK MOVEMENTS AND CALVING AS RELATED TO SNOW COVER. Ph. D. dissertation, Colo. State Univ. 107p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(12), 1976. WR 162
/Cervus canadensis/ in southwestern Colorado.

76-002158 Taylor, Elroy THE PROBLEM WITH SUCCESS. Wyo. Wildl. 40 (3): 14-17. Mar. 1976. WR 162
/Antilocapra americana/ in Wyoming.

OTHER MAMMALS

76-002159 Augee, M. L.; Ealey, E. H. M.; Price, I. P. MOVEMENTS OF ECHIDNAS, /TACHYGLOSSUS ACULEATUS/, DETERMINED BY MARKING-RECAPTURE AND RADIO-TRACKING. Aust. Wildl. Res. 2 (2): 93-101. Nov. 1975. WR 162
[Univ. New South Wales, P.O. Box 1, Kensington, New South Wales 2033, Australia]

76-002160 Marshall, Joe T., Jr. GIBBONS AND THEIR TERRITORIAL SONGS. Science 193 (4249): 235-237. 16 July 1976. WR 162
[36 Soi Chaiyos 11, Sukhumvit, Bangkok, Thailand] Abstract: Discovery of the great call of the Javan gibbon and finding an enclave of the agile gibbon in Kalimantan permit for the first time a comparison of vocalizations among all major taxa of /Hylobates/. The songs are stereotyped, constant throughout the interrupted areas of distribution of each taxon, and are sexually divocal.

76-002161 Millar, R.; Fairall, N. HYPOTHALAMIC, PITUITARY AND GONADAL HORMONE PRODUCTION IN RELATION TO NUTRITION IN THE MALE HYRAX (/PROCAVIA CAPENSIS/). J. Reprod. Fert. 47 (2): 339-341. July 1976. WR 162
[Med. School, Observatory, Capetown, South Africa]

76-002162 Milton, Katherine; May, Michael L. BODY WEIGHT, DIET AND HOME RANGE AREA IN PRIMATES. Nature 259 (5543): 459-462. 12 Feb. 1976. WR 162
[New York Univ., New York, N.Y. 10003]

BIRDS--GENERAL

76-002163 Lindstedt, Stan L.; Calder, William A. BODY SIZE AND LONGEVITY IN BIRDS. Condor 78 (1): 91-94. 1976. WR 162
[Univ. Ariz., Tucson 85721]

76-002164 Moeed, Abdul FOOD OF SKYLARKS AND PIPITS, FINCHES, AND FERAL PIGEONS NEAR CHRISTCHURCH. Notornis 22 (2): 135-142. June 1975. WR 162
[DSIR, P.O. Box 30466, Lower Hutt, New Zealand] /Alauda arvensis/, /Anthus novaeseelandiae/, /Passer domesticus/, /Carduelis chloris/, /Carduelis carduelis/, /Emberiza citrinella/ and /Columba livia/.

76-002165 Mukherjee, Ajit Kumar FOOD-HABITS OF WATER-BIRDS OF THE SUNDARBAN, 24 PARGANAS DISTRICT, WEST BENGAL, INDIA--IV. STORK, TEAL, MOORHEN AND COOT. J. Bombay Nat. Hist. Soc. 71 (2): 188-200. Aug. 1974. WR 162
[Zool. Surv. India, Calcutta, India]

76-002166 Nilsson, Sven G.; Nilsson, Ingvar N. NUMBERS, FOOD CONSUMPTION, AND FISH PREDATION BY BIRDS IN LAKE MOECKELN, SOUTHERN SWEDEN. Ornis Scand. 7 (1): 61-70. 1976. In English. WR 162
[Zool. Inst., Helgonavagen 5, S-22362 Lund, Sweden]

76-002167 Ostrom, John H. /ARCHAEOPTERYX/ AND THE ORIGIN OF BIRDS. Biol. J. Linn. Soc. 8 (2): 91-182. June 1976. WR 162
[Yale Univ., New Haven, Conn. 06520]

76-002168 Owre, Oscar T. NOTES ON THE FOOD OF SOME GUYANA BIRDS. Ardea 63 (3-4): 146-147. 1975. In English. WR 162
[Univ. Miami, Coral Gables, Fla.]

76-002169 Trimble, Steve NON-GAME BIRDS OF THE WEST. AN ANNOTATED BIBLIOGRAPHY. THE ECOLOGY & LIFE HISTORIES OF SEVEN ORDERS. U.S. Dep. Inter. Bur. Land Manage. Tech. Note. T-N-269. v + 320p. June 1975. WR 162
A classified bibliography dealing with 271 spp.

BIRDS--ECOLOGY, NATURAL HISTORY, EVOLUTION

76-002170 Trotignon, J. LA NIDIFICATION SUR LE BANC D'ARGUIN (MAURITANIE) AU PRINTEMPS 1974. [BIRD NESTING OBSERVATIONS ON THE BANC D'ARGUIN (MAURITANIA) DURING SPRING, 1974.] Alauda 44 (2): 119-133. June 1976. In French with German and English summ. WR 162
[85 ave. de Paris, 78000 Versailles, France]

BIRDS--TECHNIQUES

76-002171 Bock, Carl E.; Lepthien, Larry W. PATTERNS OF BIRD SPECIES DIVERSITY REVEALED BY CHRISTMAS COUNTS VERSUS BREEDING BIRDS SURVEYS. Western Birds 6 (3): 95-100. 1975. WR 162
[Univ. Colo., Boulder 80302]

76-002172 Carlson, Dennis J. A SIMPLE METHOD FOR MAKING LARGE BANDING PLIERS. Inl. Bird-Banding News 48 (3): 84-87. May-June 1976. WR 162
[Mich. Technol. Univ., Houghton 49931] A simple means of modifying standard slip joint pliers into workable banding pliers which do not damage bands is described.

76-002173 Cordonnier, P. ETUDE DU CYCLE ANNUEL DES AVIFAUNES PAR LA METHODE DES "POINTS D'ECOUTE". [STUDY OF THE ANNUAL CYCLE OF BIRDS BY THE "AUDITORY POINT CENSUS TECHNIQUE."] Alauda 44 (2): 169-180. June 1976. In French with German and English summ. WR 162
[Univ. Claude-Bernard, Lyon 1, France]

76-002174 Dawson, David G.; Bull, P. C. COUNTING BIRDS IN NEW ZEALAND FORESTS. Notornis 22 (2): 101-109. June 1975. WR 162
[DSIR, P.O. Box 30466, Lower Hutt, New Zealand] Abstract: Five-minute counts of birds at stations 200 m apart were easier to make and no less accurate as an index of numbers than were counts made while walking slowly through the same forest. The precision and errors of the technique are discussed.

76-002175 Gaston, A. J. METHODS FOR ESTIMATING BIRD POPULATIONS. J. Bombay Nat. Hist. Soc. 72 (2): 271-283. Aug. 1975. WR 162
[Edward Grey Inst., Oxford, England]

76-002176 Jarvinen, Olli ESTIMATING RELATIVE DENSITIES OF BREEDING BIRDS BY THE LINE TRANSECT METHOD. II. COMPARISON BETWEEN TWO METHODS. Ornis Scand. 7 (1): 43-48. 1976. In English. WR 162
[P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

76-002177 McPherson, L. B. FIELD RECORDING OF NATURAL SOUNDS, WITH A NEW ZEALAND BIRD DISCOGRAPHY. Notornis 21 (4): 337-348. Dec. 1974. WR 162
[P.O. Box 21-083, Edgeware, Christchurch, New Zealand]

76-002178 Phillips, Allan R. WHY NEGLECT THE DIFFICULT? Western Birds 6 (3): 69-86. 1975. WR 162
[Apartado Postal 370, San Nicolas de los Garza, Nuevo Leon, Mexico] Includes hints to help western ornithologists recognize eastern strays.

76-002179 Schreiber, Elizabeth Ferguson A NEW METHOD FOR RESTRAINING LIVE BIRDS. Bird-Banding 47 (2): 165. 1976. WR 162
[Seabird Res., Inc., 11008 Teegreen Dr., Tampa, Fla. 33612]

76-002180 Sellar, P. J. SOUND RECORDING AND THE BIRDWATCHER. Br. Birds. 69 (6): 202-215. June 1976. WR 162
[89 Riddlesdown Rd., Purley, Surrey CR2 1DH, England]

BIRDS--FAUNAS, COMMUNITIES, MANUALS

76-002181 Behle, William H. MOHAVE DESERT AVIFAUNA IN THE VIRGIN RIVER VALLEY OF UTAH, NEVADA, AND ARIZONA. Condor 78 (1): 40-48. 1976. WR 162
[Univ. Utah, Salt Lake City 84112] Data for 28 spp.

76-002182 Boere, G. C.; Zegers, P. M. WADVOGELTELLINGEN IN HET NEDERLANDSE WADDENZEEGEBIED IN APRIL EN SEPTEMBER 1973. [BIRD-COUNTS IN THE DUTCH WADDENSEA AREA IN APRIL AND SEPTEMBER 1973.] Limosa 48 (1-2): 74-81. 1975. In Dutch with English summ. WR 162
[Dorpstraat 196, Vlieland, Netherlands]

76-002183 Buckner, C. H.; Erskine, A. J.; Lidstone, B.; McLeod, B. B.; Ward, M. THE BREEDING BIRD COMMUNITY OF COAST FOREST STANDS ON NORTHERN VANCOUVER ISLAND. Murrelet 56 (3): 6-11. Sept.-Dec. 1975. WR 162
[Chemical Control Res. Inst., 25 Pickering Place, Ottawa K1A 0W3, Canada]

76-002184 Buskirk, William H. SOCIAL SYSTEMS IN A TROPICAL FOREST AVIFAUNA. Am. Nat. 110 (972): 293-310. Mar.-Apr. 1976. WR 162
[Erlham Coll., Richmond, Ind. 47374]

76-002185 Cheylan, Gilles NOTES SUR L'AVIFAUNE DES MARAIS DE SARDAIGNE EN FEVRIER. [NOTES OF THE AVIFAUNA OF SARDINIAN MARSHES IN FEBRUARY.] Nos Oiseaux 32 (5): 118-124. Oct. 1973. In French with Italian summ. WR 162
[6 Rue de Littera, 13-Aix-en-Provence, France]

76-002186 Dhondt, Andre BIRD NOTES FROM THE KINGDOM OF TONGA. Notornis 23 (1): 4-7. Mar. 1976. WR 162
[Univ. Antwerp, B-2610 Wilrijk, Belgium] Annotated checklist.

76-002187 Dhondt, Andre BIRD OBSERVATIONS IN WESTERN SAMOA. Notornis 23 (1): 29-43. Mar. 1976. WR 162
[Univ. Antwerp, B-2610 Wilrijk, Belgium]

76-002188 Edgar, A. T. FAREWELL SPIT, MARCH 1974. Notornis 21 (3) : 250-259. Sept. 1974. WR 162
[Inlet Rd., Kerikeri, New Zealand] Annotated list of 95 spp.

76-002189 Enemar, Anders; Hojman, Sven-Goran; Klaesson, Per; Nilsson, Lars THE RELATIONSHIP BETWEEN CENSUS RESULTS AND THE BREEDING POPULATION OF BIRDS IN SUBALPINE BIRCH FORESTS. Ornis Penn. 53 (1): 1-8. 1976. In English with Finnish summ. WR 162
[Univ. Goteborg, S-40033 Goteborg, Sweden]

76-002190 Franzreb, Kathleen E. AVIAN DENSITIES IN A MIXED-CONIFEROUS FOREST, THOMAS CREEK, WHITE MOUNTAINS, ARIZONA. Western Birds 6 (3): 101-105. 1975. WR 162
[Calif. State Univ., Chico 95929]

76-002191 Gaines, David A NEW LOOK AT THE NESTING RIPARIAN AVIFAUNA OF THE SACRAMENTO VALLEY, CALIFORNIA. Western Birds 5 (3): 61-80. 1974. WR 162
[405 Russell St., Winters, Calif. 95694]

76-002192 Galli, Anne E.; Leck, Charles F.; Forman, Richard T. T. AVIAN DISTRIBUTION PATTERNS IN FOREST ISLANDS OF DIFFERENT SIZES IN CENTRAL NEW JERSEY. Auk 93 (2): 356-364. Apr. 1976. WR 162
[Rutgers Univ., New Brunswick, N.J.]

76-002193 Gallner, J.-C. OBSERVATIONS ORNITHOLOGIQUES NOUVELLES DANS LA REGION DE VAN (TURQUIE). [NEW ORNITHOLOGICAL OBSERVATIONS IN THE VAN REGION [TURKEY].] Alauda 44 (2): 111-117. June 1976. In French with German and English summ. WR 162
Annotated list of birds.

76-002194 Geerling, C. BIRDS IN YANKARI GAME RESERVE. Nigerian Field 41 (2): 64-78. June 1976. WR 162
[FAO Wildl. Manage. Officer, Garoua, Cameroon] Checklist of 225 spp. of birds.

76-002195 Ghorpade, Kumar D. PRELIMINARY NOTES ON THE ORNITHOLOGY OF SANDUR, KARNATAKA. J. Bombay Nat. Hist. Soc. 70 (3): 499-531. Dec. 1973. WR 162
[Univ. Delhi-110007, India] Notes relating chiefly to the status and distribution of 166 species of birds so far recorded from the area are presented together with 16 further species from other parts of Bellary district. --From abstr.

76-002196 Gray, Lincoln THE AVIFAUNA OF INTRODUCED EUCALYPTUS PLANTATIONS IN MAHARASHTRA. J. Bombay Nat. Hist. Soc. 71 (1): 76-80. Apr. 1974. WR 162
[Univ. Minn., Minneapolis 55101]

76-002197 Guest, R. FOREST-DWELLING BIRDS OF THE WAIRAU CATCHMENT, MARLBOROUGH. Notornis 22 (1): 23-26. Mar. 1975. WR 162
[Forest Res. Inst., P.O. Box 106, Rangiora, New Zealand]

76-002198 Horning, Donald S., Jr.; Horning, Carol J. BIRD RECORDS OF THE 1971-1973 SNARES ISLANDS, NEW ZEALAND, EXPEDITION. Notornis 21 (1): 13-24. Mar. 1974. WR 162
[Univ. Canterbury, Christchurch, new Zealand] Annotated list of 53 spp.

76-002199 Hughes, R. A. ADDITIONAL RECORDS OF BIRDS FROM THE MOLLENDO DISTRICT, COAST OF SOUTHWEST PERU. Condor 78 (1): 118-119. 1976. WR 162
[Casilla 62, Mollendo, Peru]

76-002200 Jehl, Hubert LES OISEAUX DE L'ILE DE KEMBE (R. C. A.). [THE BIRDS OF ILE DE KEMBE (CENTRAL AFRICAN REPUBLIC).] Alauda 44 (2): 153-167. June 1976. In French with German and English summ. WR 162
[B.P. 1353, Lycee des Rapides, Bangui, Central African Republic] Annotated list.

76-002201 Kikkawa, Jiro COMPARISON OF AVIAN COMMUNITIES BETWEEN WET AND SEMIARID HABITATS OF EASTERN AUSTRALIA. Aust. Wildl. Res. 1 (2): 107-116. Dec. 1974. WR 162
[Univ. Queensland, St. Lucia, Queensland 4067, Australia]

76-002202 Kuroda, Nagahisa [A TENTATIVE REPORT ON THE COMPARATIVE ANALYSIS OF FOREST BIRD COMMUNITIES.] Misc. Rep. Yamashina's Inst. Ornithol. 7 (3): 268-292. June 1974. In Japanese with English summ. WR 162
[Yamashina Inst. Ornithol., Nanpeidai 8-20, Shibuya, Tokyo, Japan]

76-002203 Kuroda, Nagahisa [A BIRD CENSUS IN THE IMPERIAL PALACE FOR 1974.] Misc. Rep. Yamashina's Inst. Ornithol. 7 (5): 439-451. June 1975. In Japanese with English summ. WR 162
[Yamashina Inst. Ornithol., Nanpeidai 8-20, Shibuya, Tokyo, Japan]

76-002204 Kuroda, Nagahisa [A BIRD CENSUS IN THE IMPERIAL PALACE FOR 1973.] Misc. Rep. Yamashina's Inst. Ornithol. 7 (3): 251-267. June 1974. In Japanese with English summ. WR 162
[Yamashina Inst. Ornithol., Nanpeidai 8-20, Shibuya, Tokyo, Japan]

76-002205 Larsson, Torsten COMPOSITION AND DENSITY OF THE BIRD FAUNA IN SWEDISH SHORE MEADOWS. Ornis Scand. 7 (1): 1-12. 1976. In English. WR 162
[Natl. Environ. Protection Board, S-171 20 Solna, Sweden]

76-002206 Lebret, T. MILIEU-DYNAMIEK ALS FACTOR VAN HET BIOTOOP VAN EEN AANTAL VOGELSOORTEN. [ENVIRONMENTAL DYNAMICS AS A FACTOR OF THE HABITAT OF A NUMBER OF BIRD SPECIES.] Limosa 47 (3-4): 100-120. 1974. In Dutch with English summ. WR 162
[Populierenlaan 7, Middelburg, Netherlands]

76-002207 Masatomi, Hiruyuki SOME OBSERVATIONS ON BIRDS AT HIGH ALTITUDE LAKE SIDES IN GOSAINKUND, CENTRAL NEPAL. J. Bombay Nat. Hist. Soc. 72 (1): 46-55. Apr. 1975. WR 162
[Senshu Univ., Bibai, Hokkaido, Japan]

76-002208 McLay, C. L. THE SPECIES DIVERSITY OF NEW ZEALAND FOREST BIRDS: SOME POSSIBLE CONSEQUENCES OF THE MODIFICATION OF BEECH FORESTS. N. Z. J. Zool. 1 (2): 179-196. May 1974. WR 162
[Univ. Canterbury, Christchurch, New Zealand]

76-002209 Medway, David G. EXTANT TYPES OF NEW ZEALAND BIRDS FROM COOK'S VOYAGES. [PART I: HISTORICAL, AND THE TYPE PAINTINGS]. Notornis 23 (1): 44-60. Mar. 1976. WR 162
Recent research has shown that there are 19 extant types of New Zealand birds collected on Captain James Cook's three voyages of circumnavigation. --From abstr.

76-002210 Meltofte, Hans ORNITHOLOGICAL OBSERVATIONS IN NORTHEAST GREENLAND BETWEEN 76° 0' AND 78° 0'N. LAT. 1969-71. Medd. Gronl. 191 (9): 72p. 1975. WR 162
[Mollegade 23, 3, tv., DK-2200 Copenhagen, N. Denmark] Abstract: The present paper is a report of observations made during a two-year stay at the weather station at Danmarks Havn 1969-71. An avifaunistic status of the area is given, and the results are compared with the few earlier reports. Several changes are demonstrated, and relations to climatic conditions are discussed. Special information is given on the colonies of /Branta leucopsis/ and on two moulting areas of /Anser fabalis brachyrhynchus/, two species in which significant changes can be traced. 1970 was an especially unfavourable 'late' year, and the breeding cycle of some species was considerably delayed. Further, the results of a simple population-census, especially of breeding waders are given.

76-002211 Nilsson, Sven G.; Alerstam, Thomas RESOURCE DIVISION AMONG BIRDS IN NORTH FINNISH CONIFEROUS FOREST IN AUTUMN. Ornis Fenn. 53 (1): 15-27. 1976. In English with Finnish summ. WR 162
[Dep. Anim. Ecol., Helgonavagen 5, S-223 62 Lund, Sweden]

76-002212 Pedersen, Richard J.; Bryant, Larry D. OBSERVATIONS ON BIRDS OF THE BLUE MOUNTAINS. Murrelet 56 (1): 7-10. Jan.-Apr. 1975. WR 162
Annotated checklist.

76-002213 Sheppard, Jay M.; Klimkiewicz, M. Kathleen AN UPDATE TO WOOD'S /BIRD-BANDER'S GUIDE/. Inl. Bird-Banding News 48 (3): 88-97. May-June 1976. WR 162
[Patuxent Wildl. Res. Cent., Laurel, Md. 20811]

76-002214 Soots, Robert F., Jr. ECOLOGICAL SUCCESSION OF BREEDING BIRDS IN RELATION TO PLANT SUCCESSION ON DREDGE ISLANDS IN NORTH CAROLINA ESTUARIES. Univ. N.C., Sea Grant Program Publ. UNC-SG-75-27. viii + 91p. Dec. 1975. WR 162
[Campbell Coll., Buie's Creek, N.C. 27506] Data on 35 spp. of birds.

76-002215 Soots, Robert Franklin, Jr. ECOLOGICAL SUCCESSION OF BREEDING BIRDS IN RELATION TO PLANT SUCCESSION ON DREDGE ISLANDS IN NORTH CAROLINA ESTUARIES. Ph. D. dissertation, N.C. State Univ. 98p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(12), 1976. WR 162
Evidence indicated that the population of many species were increasing--perhaps primarily due to the favorable nesting habitat provided by dredge islands.

76-002216 Thiede, Walther WINTER BIRD OBSERVATIONS ON TSUSHIMA, JAPAN. Misc. Rep. Yamashina's Inst. Ornithol. 7 (3): 330-332. June 1974. In English. WR 162
[Schellstr. 20, D 43 Essen 1, West Germany] Annotated list.

76-002217 Trauger, David L.; Bromley, Robert G. ADDITIONAL BIRD OBSERVATIONS ON THE WEST MIRAGE ISLANDS, GREAT SLAVE LAKE, NORTHWEST TERRITORIES. Can. Field-Nat. 90 (2): 114-122. Apr.-June 1976. WR 162
[Northern Prairie Wildl. Res. Cent., Jamestown, N. Dak. 58401] Data for 45 spp.

76-002218 Ulfstrand, Staffan FEEDING NICHES OF SOME PASSERINE BIRDS IN A SOUTH SWEDISH CONIFEROUS PLANTATION IN WINTER AND SUMMER. Ornis Scand. 7 (1): 21-27. 1976. In English. WR 162
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76-002219 Wyllie, I. THE BIRD COMMUNITY OF AN ENGLISH PARISH. Bird Study 23 (1): 39-50. Mar. 1976. WR 162
[Monks Wood Exp. Stn., Abbots Ripton, Huntingdon, England]

BIRDS--MORPHOLOGY & PHYSIOLOGY

76-002220 Abe, Naoya; Higuchi, Hiroyoshi; Saito, Takashi; Matsuyama, Shiro; Sasagawa, Akio [MOULT OF SOME BIRDS CAPTURED AT SUBASHIRI BANDING AREA, MT. FUJI.] Misc. Rep. Yamashina's Inst. Ornithol. 7 (4): 404-426. Dec. 1974. In Japanese with English summ. WR 162

76-002221 Blick, Edward F. THE AERODYNAMICS OF BIRDS. AIAA Student J. 14 (2): 4-9. 1976. WR 162
[Univ. Okla., Norman] Wing structure, flapping and propulsion, soaring and gliding, stall angle of attack, flight control, and flight applications are topics of discussion.

76-002222 Pimm, Stuart L. EXISTENCE METABOLISM. Condor 78 (1): 121-124. 1976. WR 162
[Tex. Tech Univ., Lubbock 79409]

76-002223 Wicklefs, Robert E. GROWTH RATES OF BIRDS IN THE HUMID NEW WORLD TROPICS. Ibis 118 (2): 179-207. Apr. 1976. WR 162
[Univ. Pa. Philadelphia 19174] The growth curves of 40 species of lowland neotropical birds were fitted by logistic equation. The birds were mostly from Panama, Trinidad and Surinam. --From summ.

76-002224 Tullett, S. G.; Board, R. G.; Love, G.; Perrott, H. R.; Scott, V. D. VATERITE DEPOSITION DURING EGGSHELL FORMATION IN THE CORMORANT, GANNET AND SHAG, AND IN 'SHELL-LESS' EGGS OF THE DOMESTIC FOWL. Acta Zool. 57 (2): 79-87. 1976. WR 162
[Univ. Bath, Claverton Down, Bath BA2 7AY, England] Abstract: The eggshells of the cormorant (/Phalacrocorax carbo/), domestic fowl (/Gallus domesticus/), gannet (/Sula bassana/), guinea fowl (/Numida meleagris/), greater flamingo (/Phoenicopterus ruber/), and shag (/Phalacrocorax aristotelis/) have been separated into two groups on the basis of the composition of their outer stratum. In the domestic fowl, guinea fowl and greater flamingo the outer stratum is an organic cuticle while in the sea-birds it is an inorganic cover rich in vaterite. The calcareous deposits on the membranes of eggs of the domestic fowl which are shell-less at oviposition have been shown to consist essentially of the vaterite form of calcium carbonate. Reasons for the occurrence of this polymorph of calcium carbonate are discussed with relation to the physiology of the birds.

BIRDS--BEHAVIOR

76-002225 Chalton, D. O. WEIGHT LOSS IN SPECTACLED WEAVERS RAISING A CUCKOO CHICK. Ostrich 47 (1): 69. Mar. 1976. WR 162
[Univ. Natal, P.O. Box 375, Pietermaritzburg 3200, South Africa] /Ploceus ocularis/ and /Chrysococcyx caprius/.

76-002226 Child, Peter OBSERVATIONS ON ALTITUDES REACHED BY SOME BIRDS IN CENTRAL AND NORTHWEST OTAGO. Notornis 22 (2): 143-150. June 1975. WR 162
[10 Royal Terrace, Alexandra, New Zealand] Data for 35 spp.

76-002227 Conner, Richard N.; Lucid, Vincent J. INTERACTIONS BETWEEN NESTING BIRDS AND CARPENTER ANTS. Bird-Banding 47 (2): 161-162. 1976. WR 162
[Va. Polytech. Inst. & State Univ., Blacksburg 24061]

76-002228 Croxall, J. P. THE COMPOSITION AND BEHAVIOUR OF SOME MIXED-SPECIES BIRD FLOCKS IN SARAWAK. Ibis 118 (3): 333-346. July 1976. WR 162
[British Antarctic Survey, N.E.R.C., Madingley Rd., Cambridge CB2 0ET, England]

76-002229 Greenlaw, Jon S. USE OF BILATERAL SCRATCHING BEHAVIOR BY EMBERIZINES AND ICTERIDS. Condor 78 (1): 94-97. 1976. WR 162
[C. W. Post Coll., Greenvale, N.Y. 11548]

76-002230 Grimes, L. G. THE OCCURRENCE OF COOPERATIVE BREEDING BEHAVIOUR IN AFRICAN BIRDS. Ostrich 47 (1): 1-15. Mar. 1976. WR 162
[99 Van Rd., Caerphilly, Glamorgan, Wales] A summarization of the present knowledge of the occurrence of cooperative breeding behavior in African birds.

76-002231 Kisokau, Karol ANALYSIS OF AVIFAUNA STOMACH CONTENTS OF LONG AND CROWN ISLANDS, MADANG DISTRICT. Sci. New Guinea 2 (3): 261-262. Dec. 1974. WR 162
[Dep. Agric. Stock & Fisheries, P. O. Box 5140, Boroko, Papua New Guinea]

76-002232 Lawson, C. S. FISH CATCHING BY A BLACK PHOEBE. Western Birds 6 (3): 107-109. 1975. WR 162
[Nev. State Mus., Carson City 89701] /Sayornis nigricans/.

76-002233 Maclean, G. L. BELLY-SOAKING IN THE CHARADRIIFORMES. J. Bombay Nat. Hist. Soc. 72 (1): 74-82. Apr. 1975. WR 162
[Univ. Natal, Pietermaritzburg, South Africa] Abstract: Belly-soaking consists in wetting the belly feathers for the purpose of transporting water to eggs or chicks. It occurs regularly in the sandgrouse for watering the chicks. It occurs also in the Charadriiformes among the families Charadriidae, Glareolidae, Recurvirostridae, Laridae, Sternidae and Rynchopidae. Its main function appears to be for cooling the eggs or young; whether the young also drink the water provided by the parents in this way has not been proven. Belly-soaking appears to be absent from all other orders of birds. Its presence may be further evidence for placing the sandgrouse (Pteroclididae) in the order Charadriiformes, as suggested by Gatter (1971). The origins of belly-soaking are discussed.

76-002234 Mueller, Helmut C. REACTIONS OF QUAIL TO FLYING VULTURES. Condor 78 (1): 120-121. 1976. WR 162
[Univ. N.C., Chapel Hill 27514] /Colinus virginianus/ and /Cathartes aura/.

76-002235 Ravussin, P. A.; Sermet, E. NIDIFICATION SIMULTANEE DU PIC NOIR /DRYOCOPUS MARTIUS/ DT DE LA CHOUETTE DE TENGMALM /AEGOLIUS FUNEREUS/ SUR LE MEME ARBRE. [SIMULTANEOUS NESTING OF /DRYOCOPUS MARTIUS/ AND /AEGOLIUS FUNEREUS/ IN THE SAME TREE.] Nos Oiseaux 33 (2): 60-63. June 1975. In French. WR 162
[1446 Baulmes, Switzerland]

76-002236 Terrasse, Jean-Francois; Terrasse, Michel COMPORTEMENT DE QUELQUES RAPACES NECROPHAGES DANS LES PYRENEES. [BEHAVIOR OF SOME SCAVENGERS IN THE PYRENEES.] Nos Oiseaux 32 (11): 289-299. Oct. 1974. In French. WR 162
/Gypaetus barbatus/, /Gyps fulvus/, /Milvus milvus/, /Neophron percnopterus/ and /Corvus corax/.

76-002237 Winkler, Raffael L'ACTIVITE ORNITHOLOGIQUE AN COL DE BRETOLET EN 1973. [AVIAN ACTIVITY AT THE COL DE BRETOLET DURING 1973.] Nos Oiseaux 32 (10): 264-272. Aug. 1974. In French. WR 162
[Stn. Ornithol. Suisse, CH 6204 Sempach, Switzerland]

BIRDS--POPULATION DYNAMICS

76-002238 Batten, L. A.; Marchant, J. H. BIRD POPULATION CHANGES FOR THE YEARS 1973-74. Bird Study 23 (1): 11-20. Mar. 1976. WR 162
[British Trust for Ornithol., Beech Grove, Tring, Hertfordshire HP23 5NR, England] For England.

76-002239 Braithwaite, L. W.; Stewart, D. A. DYNAMICS OF WATER BIRD POPULATIONS ON THE ALICE SPRINGS SEWAGE FARM, N.T. Aust. Wildl. Res. 2 (1): 85-90. June 1975. WR 162
[CSIRO, P.O. Box 84, Lyneham 2602, Australia]

76-002240 Johnson, Ned K.; Garrett, Kimball L. INTERIOR BIRD SPECIES EXPAND BREEDING RANGES INTO SOUTHERN CALIFORNIA. Western Birds 5 (2): 45-56. 1974. WR 162
[Univ. Calif., Berkeley 94720]

76-002241 Thouy, Pierre VARIATIONS SAISONNIERES DE L'AVIFAUNE D'UNE LOCALITE DU MAROC ATLANTIQUE. [SEASONAL VARIATIONS IN THE AVIFAUNA AT A LOCALITY OF THE ATLANTIC MOROCCO.] Alauda 44 (2): 135-151. June 1976. In French with German and English summ. WR 162
[32 rue Saint-Jean, 81100 Castres, France]

BIRDS--MIGRATION & BANDING REPORTS

76-002242 Avery, Michael; Springer, Paul F.; Cassel, J. Frank THE EFFECTS OF A TALL TOWER ON NOCTURNAL BIRD MIGRATION--A PORTABLE CEILOMETER STUDY. Auk 93 (2): 281-291. Apr. 1976. WR 162
[N. Dak. State Univ., Fargo 58102]

76-002243 Beason, Robert C. AN OBSERVATION OF NOCTURNAL PASSERINE MIGRATION THROUGH PANAMA. Condor 78 (1): 117-118. 1976. WR 162
[Clemson Univ., Clemson, S.C. 29631]

76-002244 Emlen, Stephen T. MAGNETIC DIRECTION FINDING: EVIDENCE FOR ITS USE IN MIGRATORY INDIGO BUNTINGS. Science 193 (4252): 505-508. 6 Aug. 1976. WR 162
[Cornell Univ., Ithaca, N.Y. 14853] Abstract: The orientational capabilities of caged migratory indigo buntings were studied under differing magnetic field conditions. When tested in a situation allowing minimal exposure to visual cues but in the presence of the normalof their migratory direction. [/Passerina cyanea/].

76-002245 Littlefield, Carroll D. BIRD ARRIVAL DATES ON MALHEUR NATIONAL WILDLIFE REFUGE, OREGON. Western Birds 4 (3): 83-88. 1973. WR 162
[Univ. Ariz. Tucson 85721]

76-002246 Richardson, W. John AUTUMN MIGRATION OVER PUERTO RICO AND THE WESTERN ATLANTIC: A RADAR STUDY. Ibis 118 (3): 309-332. July 1976. WR 162
[LGL, Environ. Res. Assoc., 44 Eglinton Ave. West, Toronto, Ontario, Canada M4R 1A1]

76-002247 Robertson, C. J. R. PRELIMINARY REPORT ON BIRD BANDING IN NEW ZEALAND 1973-74. Notornis 22 (1): 58-65. Mar. 1975. WR 162
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76-002248 Robertson, C. J. R. PRELIMINARY REPORT ON BIRD BANDING IN NEW ZEALAND 1972-73. Notornis 21 (1): 70-78. Mar. 1974. WR 162
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Bird banding summary for 1973.

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Bird banding summary for 1974.

76-002251 Stevens, O. A. RETURNS OF CATBIRDS, ROBINS AND THRASHERS TO FARGO, NORTH DAKOTA, 1926-71. Inl. Bird-Banding News 48 (3): 105-108. May-June 1976. WR 162
[Univ. Stn., Fargo, N. Dak. 58102]

76-002252 Thiollay, Jean-Marc ARRIVEE DE MIGRATEURS PALEARCTIQUES AU SUD DU SAHARA. [ARRIVAL OF PALEARCTIC MIGRANTS TO THE SOUTH OF SAHARA.] Nos Oiseaux 32 (6): 168-171. Dec. 1973. In French. WR 162
[Lab. Zool., 46 rue d'Ulm, 75230 Paris Cedex 05, France]

BIRDS--MORTALITY & SURVIVAL

76-002253 Delareuelle, Robert R. CLARK'S NUTCRACKER CAUGHT ON CHOLLA CACTUS. Western Birds 4 (2): 61. 1973. WR 162
[1002 Juanita Dr., Walnut Creek, Calif. 94595] /Nucifraga columbiana/ mortality in California.

76-002254 Sugiura, Kunihiko [ON TRAFFIC ACCIDENTS OF BIRDS ON ISE HIGHWAY, MIE PREFECTURE.] Misc. Rep. Yamashina's Inst. Ornithol. 7 (3): 293-308. June 1974. In Japanese with English summ. WR 162
[Ujiurata-machi 604-75, Ise City, Mie Pref., Japan] Data for 18 spp.

BIRDS--PESTICIDES & POLLUTION

76-002255 Cooke, A. S.; Bell, A. A.; Prestt, I. EGG SHELL CHARACTERISTICS AND INCIDENCE OF SHELL BREAKAGE FOR GREY HERONS /ARDEA CINEREA/ EXPOSED TO ENVIRONMENTAL POLLUTANTS. Environ. Pollut. 11 (1): 59-84. July 1976. WR 162
[Monks Wood Exp. Stn., Abbots Ripton, Huntingdon, England]

76-002256 David, Danielle EFFECTS COMPARES D'INJECTIONS INTRAVITELLINES DE P,P'-DDT ET DE DDT COMMERCIAL SUR LA POPULATION GERMINALE DES GONADES EMBRYONNAIRES D'OISEAU. [COMPARATIVE EFFECTS OF P,P'-DDT AND COMMERCIAL DDT, IN INTRAVITELLIN INJECTIONS, ON THE GERM POPULATION OF BIRD EMBRYONIC GONADS.] C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat. 282 (11): 1125-1128. 15 Mar. 1976. In French with English summ. WR 162
[Univ. Clermont, B. P. no. 45, 63170 Aubiere, France] /Coturnix coturnix japonica/.

76-002257 Hamilton, G. A.; Stanley, P. I. FURTHER CASES OF POISONING OF WILD GEESE BY AN ORGANOPHOSPHORUS WINTER WHEAT SEED TREATMENT. Wildfowl 26: 49-54. 1975. WR 162
[Pest Infestation Control Lab., Hook Rise South, Tolworth, Surrey, England] Summary: A series of incidents involving Greylag Goose /Anser anser/ casualities in Angus and Perthshire and a single incodent involving Pink-footed Goose /Anser brachyrhynchus/ casualities on Humberside are described. A full field and laboratory investigation revealed that the geese had died of organophosphorus poisoning after consuming winter wheat treated with carbophenothion. The factors that led to the incidense are discussed.

76-002258 Jefferies, D. J.; Parslow, J. L. F. THYROID CHANGES IN PCB-DOSED GUILLEMOTS AND THEIR INDICATION OF ONE OF THE MECHANISMS OF ACTION OF THESE MATERIALS. Environ. Pollut. 10 (4): 293-311. June 1976. WR 162
[Monks Wood Exp. Stn., Abbots Ripton, Huntingdon, England] /Uria aalge/.

76-002259 Jenkins, Catherine UTILISATION DU PIGEON BISET (/COLUMBA LIVIA/ GM.) COMME TEMOIN DE LA POLLUTION ATMOSPHERIQUE PAR LE PLOMB. [THE FERAL PIGEON (/COLUMBA LIVIA/) AS AN INDICATOR OF ATMOSPHERIC LEAD POLLUTION.] C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat. 281 (16) : 1187-1189. 20 Oct. 1975. In French with English summ. WR 162
[Lab. Toxicol., rue J. B. Clement, 92290 Chatenay-Malabry, France)
Summary: Pigeons living in cities show a large accumulation of lead in their bodies. The lead concentration in their lungs and bones varies according to the level of their territory caused by automobile gas exhausts.

BIRDS--PARASITES & DISEASES

76-002260 Bouvier, Georges LA FREQUENCE DES MALLOPHAGES CHEZ LES OISEAUX DE SUISSE. [THE FREQUENCY OF OCCURRENCE OF LICE ON THE BIRDS OF SWITZERLAND.] Nos Oiseaux 32 (1): 9-15. Feb. 1973. In French. WR 162
[Ave. Rosiaz 9c, 1012 Lausanne, Switzerland] Data for 116 spp. of birds.

76-002261 Cerny, V.; Lukoschus, F. S. PARASITIC MITES OF SURINAM XXXIII. FEATHER MITES (ANALGOIDEA). Stud. Fauna Suriname Other Guyanas 15 (58): 184-203. 1975. WR 162
[Inst. Parasitol., Czechoslovak Acad. Sci., Prague, Czechoslovakia] Annotated list.

76-002262 Cooper, C. Lawrence; Crites, John L. ARTHROPOD PARASITES OF PASSERINE BIRDS FROM SOUTH BASS ISLAND, OHIO. J. Med. Entomol. 12 (4): 483. 31 Oct. 1975. WR 162
[Ohio State Univ., Columbus 43210]

76-002263 Fischthal, Jacob H.; Kuntz, Robert E. BRACHYLAIMID AND DICROCOELIID TREMATODES OF BIRDS FROM NORTH BORNEO (MALAYSIA). Proc. Helminthol. Soc. Wash. 41 (1): 94-104. Jan. 1974. WR 162
[State Univ. N.Y., Binghamton 13901]

76-002264 Fischthal, Jacob H.; Kuntz, Robert E. SOME DIGENETIC TREMATODES OF BIRDS FROM TAIWAN. Proc. Helminthol. Soc. Wash. 43 (1) : 65-79. Jan. 1976. WR 162
[Kuntz: Southwest Foundation for Res. & Educ., P.O. Box 28147, San Antonio, Texas 78284]

76-002265 Hoogstraal, Harry; Kaiser, Makram N.; Easton, Emmett R. /ORNITHODOROS (ALECTOROBIUS) CAPENSIS/ NEUMANN (IXODOIDEA: ARGASIDAE) PARASITIZING A HUMAN AND BIRDS NESTING ON ISLANDS IN EAST AFRICAN LAKES. J. Med. Entomol. 12 (6): 703-704. 20 Feb. 1976. WR 162
[U.S. Naval Med. Res. Unit No. 3, American Embassy, Cairo, Egypt]

76-002266 Hoogstraal, Harry; Kaiser, Makram N.; Walker, Jane B.; Ledger, John A.; Converse, James D.; Rice, Robin C. A. OBSERVATIONS ON THE SUBGENUS /ARGAS/ (IXODOIDEA: ARGASIDAE: /ARGAS/) 10. /A. (A.) AFRICOLUMBAE/, N. SP., A PRETORIA VIRUS-INFECTED PARASITE OF BIRDS IN SOUTHERN AND EASTERN AFRICA. J. Med. Entomol. 12 (2): 194-201. 30 June 1975. WR 162
[U.S. Naval Med. Res. Unit No. 3 (NAMRU-3), U.S. Embassy, Cairo, Egypt]

76-002267 Pence, Danny B.; Casto, Stanley /TORQUATOIDES CROTOPHAGA/ WILLIAMS, 1929 (NEMATODA: SPIRURIDAE: HEBRONEMATINAE), FROM CUCULIFORM BIRDS IN TEXAS. Proc. Helminthol. Soc. Wash. 43 (1): 24-28. Jan. 1976. WR 162
[Tex. Tech Univ., Lubbock 79409]

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[Tex. Tech Univ., Lubbock 79409]

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GROUSE & PTARMIGAN

76-002271 Crawford, John A.; Bolen, Eric G. FALL DIET OF LESSER PRAIRIE CHICKENS IN WEST TEXAS. Condor 78 (1): 142-144. 1976. WR 162
[Oreg. State Univ., Corvallis 97331] /Tympanuchus pallidicinctus/ in Texas.

76-002272 Dominguez de Tena, M.; Moreno-Montanez, T.; Martinez-Gomez, F.; Hernandez-Rodriguez, S.; Calero-Carretero, R.; Becerra-Martell, C. /GONIODES FLAVICEPS/ RUDOW, 1869, PARASITO DE LA PERDIZ ROJA (/ALECTORIS RUFA/). [/GONIODES FLAVICEPS/, PARASITE OF /ALECTORIS RUFA/.] Rev. Iber. Parasitol. 35 (3-4): 377-378. July-Dec. 1975. In Spanish with English summ. WR 162
[Univ. Cordoba, Cordoba, Spain]

76-002273 Gasaway, William C.; White, Robert G.; Holleman, Dan F. DIGESTION OF DRY MATTER AND ABSORPTION OF WATER IN THE INTESTINE AND CECUM OF ROCK PTARMIGAN. Condor 78 (1): 77-84. 1976. WR 162
[Univ. Alaska, Fairbanks 99701] /Lagopus mutus/ in Alaska

76-002274 Geroudet, Paul LE LAGOPEDE ALPIN /LAGOPUS MUTUS/. [THE ALPINE GROUSE /LAGOPUS MUTUS/.] Nos Oiseaux 32 (12): 319-332. Dec. 1974. In French. WR 162
Behavior, voice, food habits, habitat, populations, reproduction and distribution of /Lagopus mutus/.

76-002275 Hanssen, Ingolf; Parker, Howard THROAT OBSTRUCTION AS A MORTALITY FACTOR AMONG WILLOW PTARMIGAN CHICKS. Wilson Bull. 88 (2): 353. June 1976. WR 162
[Univ. Tromso, 9001 Tromso, Norway] /Lagopus lagopus/.

PHASIANIDAE--GENERAL

76-002276 Lund, Everett E.; Chute, Anne M. RECIPROCAL TRANSFER OF /HETERAKIS GALLINARUM/ LARVAE BETWEEN RING-NECKED PHEASANTS AND JAPANESE QUAIL: EFFECTS ON /H. GALLINARUM/, /HISTOMONAS MELEAGRIDIS/, AND /PARAHISTOMONAS WENRICHI/. Proc. Helminthol. Soc. Wash. 41 (1): 73-76. Jan. 1974. WR 162
[Agric. Res. Serv., Beltsville, Md. 20705] /Phasianus colchicus/ and /Coturnix coturnix japonica/.

BOBWHITE

76-002277 Amundson, Rod THE BOBWHITE QUAIL. PART 2. Wildl. N.C. 40 (1): 6-7. Jan. 1976. WR 162
/Colinus virginianus/ management in North Carolina.

76-002278 Amundson, Rod THE BOBWHITE QUAIL. PART 1. Wildl. N.C. 39 (12): 12-14. Dec. 1975. WR 162
[N.C. Wildl. Resour. Comm., Raleigh] Natural history of /Colinus virginianus/.

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[Huron Coll., Huron, S. Dak. 57350] /Colinus virginianus/.

OTHER AMERICAN QUAIL

76-002280 Brown, David E. WESTERN RANGE EXTENSIONS OF SCALED QUAIL, MONTEZUMA QUAIL AND COPPERY-TAILED TROGON IN ARIZONA. Western Birds 4 (2): 59-60. 1973. WR 162
[Ariz. Game & Fish Dep., 2222 West Greenway Rd., Phoenix 85023] /Callipepla squamata/, /Cyrtonyx montezumae/ and /Trogon elegans/.

76-002281 Leopold, A. Starker; Erwin, Michael; Oh, John; Browning, bruce PHYTOESTROGENS: ADVERSE EFFECTS ON REPRODUCTION IN CALIFORNIA QUAIL. Science 161 (4222): 98-100. 9 Jan. 1976. WR 162
[Univ. Calif., Berkeley 94720] /Lophortyx californicus/.

76-002282 Pence, Danny B. EYEWORMS (NEMATODA: THELAZIIDAE) FROM WEST TEXAS QUAIL. Proc. Helminthol. Soc. Wash. 42 (2): 181-183. July 1975. WR 162
[Tex. Tech Univ., Lubbock 79409] /Callipepla squamata/ and /Cyrtonyx montezumae/.

RING-NECKED PHEASANT

76-002283 Kemp, R. L.; Franson, J. C. TRANSMISSION OF /HISTOMONAS MELEAGRIDIS/ TO DOMESTIC FOWL BY MEANS OF EARTHWORMS RECOVERED FROM PHEASANT YARD SOIL. Avian Dis. 19 (4): 741-744. Oct.-Dec. 1975. WR 162
[Iowa State Univ., Ames 50010] /Phasianus colchicus/.

76-002284 Severinghaus, C. W.; Darrow, Robert W. THE ATTEMPTED ESTABLISHMENT OF KOREAN RING-NECKED AND JAPANESE GREEN PHEASANTS IN NEW YORK. N.Y. Fish Game J. 23 (2): 176-179. July 1976. WR 162
/Phasianus colchicus karpowi/ and /P. versicolor/.

76-002285 Shope, William K.; Hartman, Fred E.; Krieder, John W. DEMETHYLCHLORTETRACYCLINE BONE LABELING IN STUDIES OF PHEASANT REPRODUCTION. J. Wildl. Manage. 40 (3): 578-579. July 1976. WR 162
[Pa. Game Commission, Harrisburg 17120] /Phasianus colchicus/ in Pennsylvania.

OTHER PHASIANIDAE

76-002286 Kawahara, Takatada; Saito, Katsumi GENETIC PARAMETERS OF ORGAN AND BODY WEIGHTS IN THE JAPANESE QUAIL. Poultry Sci. 55 (4): 1247-1252. July 1976. WR 162
[Natl. Inst. Genetics, Misima, Sizuoka-Ken 411, Japan] /Coturnix coturnix japonica/.

76-002287 Lien, Jon AUDITORY STIMULATION OF COTURNIX EMBRYOS /COTURNIX COTURNIX JAPONICA/ AND ITS LATER EFFECT ON AUDITORY PREFERENCES. Behav. Biol. 17 (2): 231-235. June 1976. WR 162
[Memorial Univ. Newfoundland, St. Johns, Newfoundland, Canada A1C 557] Abstract: Japanese Quail embryos (/Coturnix coturnix japonica/) were stimulated with 300 or 400 Hz tones from Day 12 to Day 15 of incubation and as neonates were tested in a simultaneous discrimination situation at three different ages for preferences for the embryo exposure tone. Neonates 4 to 8 hr old show preference for the embryo exposure tone over tones one harmonic above and below the stimulation Hz. Neonates 16 to 20 hr old and 26 to 30 hr old did not exhibit this preference.

76-002288 Place, T. Alan; Eroschenko, Victor P. STRAIN RATE AND TEMPERATURE SENSITIVITY OF THE CRACK INITIATION FORCE IN INTACT JAPANESE QUAIL EGGS. Poultry Sci. 55 (4): 1273-1282. July 1976. WR 162
[Univ. Idaho, Moscow 83843] /Coturnix coturnix japonica/.

76-002289 Stein, Gordon S.; Bacon, Wayne L. EFFECT OF PHOTOPERIOD UPON AGE AND MAINTENANCE OF SEXUAL DEVELOPMENT IN FEMALE /COTURNIX COTURNIX JAPONICA/. Poultry Sci. 55 (4): 1214-1218. July 1976. WR 162
[Abbott Lab. Dep. 422, North Chicago, Ill. 60064]

TURKEY

76-002290 Davidson, William R.; Kellogg, Forest E.; Doster, Gary L. /CAPILLARIA TRIDENS/ (DUJARDIN 1845) TRAVASSOS 1915, FROM WILD TURKEYS (/MELEAGRIS GALLOPAVO/) IN THE SOUTHEASTERN UNITED STATES. J. Parasitol. 61 (6): 1115. Dec. 1975. WR 162
[Univ. Ga., Athens 30602]

76-002291 Hon, Larry T.; Forrester, Donald J.; Williams, Lovett E., Jr. HELMINTHS OF WILD TURKEYS IN FLORIDA. Proc. Helminthol. Soc. Wash. 42 (2): 119-127. July 1975. WR 162
[Univ. Fla., Gainesville 32611] Examination of 220 wild turkeys (/Meleagris gallopavo/) from eight localities in Florida revealed 34 species of helminths, including 10 trematodes, six cestodes, 17 nematodes, and one acanthocephalan. --From abstr.

76-002292 Wolf, Ralph "Cub" WILD TURKEYS OF NORTHERN NEVADA. Nev. Outdoors Wildl. Rev. 8 (2): 19-21. 1974. WR 162
Popular account of /Meleagris gallopavo merriami/ management since their introduction to Nevada in 1960.

OTHER GALLINACEOUS BIRDS

76-002293 Marion, Wayne R. PLAIN CHACHALACA FOOD HABITS IN SOUTH TEXAS. Auk 93 (2): 376-379. Apr. 1976. WR 162
[Univ. Fla., Gainesville 32611] /Ortalis vetula mccalli/.

DOVES & PIGEONS

76-002294 Alison, R. M. MOURNING DOVES WINTERING IN ONTARIO. Can. Field-Nat. 90 (2): 174-176. Apr.-June 1976. WR 162
[Minist. Nat. Resour., Queen's Park Crescent, Toronto, Ontario M7A 1W3, Canada] /Zenaida macroura/.

76-002295 Booth, Thurman; Dorris, Peggy Rae; Hunter, Wllian N.; Mays, Benny PRELIMINARY DOVE BANDING STUDIES IN CLARK COUNTY, ARKANSAS. Ark. Acad. Sci. Proc. 29: 22-23. 1975. WR 162
[U.S. Fish & Wildl. Serv., Little Rock, Ark.] /Zenaida macroura/.

76-002296 Crome, F. H. J. THE ECOLOGY OF FRUIT PIGEONS IN TROPICAL NORTHERN QUEENSLAND. Aust. Wildl. Res. 2 (2): 155-185. Nov. 1975. WR 162
[CSIRO, P.O. Box 84, Lyneham 2602, Australia] Data for 7 spp.

76-002297 Crome, Francis Hugh John BREEDING, MOULT AND FOOD OF THE SQUATTER PIGEON IN NORTH-EASTERN QUEENSLAND. Aust. Wildl. Res. 3 (1) : 45-59. May 1976. WR 162
[CSIRO, P.O. Box 24, Lyneham 2602, Australia] /Geophaps scripta/.

76-002298 Davies, S. J. J. F. THE BREEDING SEASON OF CAPTIVE BARBARY DOVES, /STREPTOPELIA RISORIA/, AT HELENA VALLEY, WESTERN AUSTRALIA. Aust. Wildl. Res. 1 (1): 85-88. June 1974. WR 162
[CSIRO, Helena Valley, Western Australia 6056, Australia]

76-002299 Dilks, P. J. THE BREEDING OF THE FERAL PIGEON (/COLUMBIA LIVIA/) IN HAWKE'S BAY NEW ZEALAND. Notornis 22 (4): 295-301. Dec. 1975. WR 162
[DSIR P.O. Box 30466, Lower Hutt, New Zealand] Abstract: Feral pigeons bred in all months of the year but did less well in March when food was short. The most common clutch size, two, was also the most productive, 50 percent of eggs producing flying young. Clutches of one and four had significantly lower productivity. Clutches of one accounted for 15 percent of total clutches, three for 1 percent and four for 3 percent. Man seemed to be the only important predator of adult birds.

76-002300 Erickson, Carl J.; Zenone, Patricia G. COURTSHIP DIFFERENCES IN MALE RING DOVES: AVOIDANCE OF CUCKOLDRY? Science 192 (4246): 1353-1354. 25 June 1976. WR 162
[Duke Univ. Durham, N.C. 27706] /Streptopelia risoria/.

76-002301 Frith, H. J.; Barker, R. D. FOOD OF THE PLUMED PIGEONS, /GEOPHAPS PLUMIFERA/ AND /G. FERRUGINEA/. Aust. Wildl. Res. 2 (1): 63-73. June 1975. WR 162
[CSIRO, P.O. Box 84, Lyneham 2602, Australia]

76-002302 Frith, H. J.; Brown, B. K.; Barker, R. D. FOOD OF THE CRESTED AND COMMON BRONZEWING PIGEONS IN INLAND NEW SOUTH WALES. Aust. Wildl. Res. 1 (2): 129-144. Dec. 1974. WR 162
[CSIRO, P.O. Box 84, Lyneham 2602, Australia] /Ocyphaps lophotes/ and /Phaps chalcoptera/.

76-002303 Frith, H. J.; Braithwaite, L. W.; Wolfe, T. O. SEXUAL CYCLES OF PIGEONS IN A TROPICAL ENVIRONMENT. Aust. Wildl. Res. 1 (2) : 117-128. Dec. 1974. WR 162
[CSIRO, P. O. Box 84, Lyneham 2602, Australia] /Cuoula/ spp., /Ptilinopus/ spp. and /Geopelia/ spp. in New Guinea.

76-002304 Haas, George H.; Amend, Spencer R. AGING IMMATURE MOURNING DOVES BY PRIMARY FEATHER MOLT. J. Wildl. Manage. 40 (3): 575-578. July 1976. WR 162
[Migratory Bird & Habitat Res. Lab., McBee, S.C. 29101] /Zenaida macroura/.

76-002305 Schemnitz, Sanford D. FOOD HABITS AND BODY MEASUREMENTS OF MOURNING DOVES IN SOUTHWESTERN MAINE. Univ. Maine, Life Sci. Agric. Exp. Stn., Tech. Bull. 78. 7p. 1975. WR 162
[N. Mex. State Univ. Las Cruces 88003] /Zenaida macroura/.

WATER BIRDS

76-002306 Fujimaki, Yuzo; Hyakutake, Takashi; Matsuoka, Shigeru BIRDS OF YURURI AND MOYURURI ISLANDS, EASTERN HOKKAIDO IN SUMMER. 1. CORMORANTS AND ANSERINE BIRDS.] Misc. Rep. Yamashina's Inst. Ornithol. 8 (1): 68-88. Mar. 1976. In Japanese with English summ. WR 162
[Obihiro Univ., Obihiro, Hokkaido 080, Japan] Data for 29 spp.

76-002307 Geldenhuys, J. N. RELATIVE ABUNDANCE OF WATERFOWL IN THE ORANGE FREE STATE. Ostrich 47 (1): 27-54. Mar. 1976. WR 162
[Nature Conservation Division, P.O. Box 517, Bloemfontein 9300, South Africa]

76-002308 Norman, F. I. THE INCIDENCE OF LEAD SHOTGUN PELLETS IN WATERFOWL (ANATIDAE AND RALLIDAE) EXAMINED IN SOUTH-EASTERN AUSTRALIA BETWEEN 1957 AND 1973. Aust. Wildl. Res. 3 (1): 61-71. May 1976. WR 162
[Arthur Rylah Inst. Environ. Res., 123 Brown St., Heidelberg, Victoria 3084, Australia]

76-002309 Thomas, G. J. INGESTED LEAD PELLETS IN WATERFOWL AT THE OUSE WASHES, ENGLAND, 1968-73. Wildfowl 26: 43-48. 1975.
[Royal Soc. Protection of Birds, The Lodge, Sandy, Bedfordshire, England]. WR 162

DUCKS

76-002310 Bourget, Andre; Chapdelaine, Gilles DIVING BY WINTERING PUDDLE DUCKS. Wildfowl 26: 55-57. 1975. WR 162
[Canadian Wildl. Serv., Fed. Bldg., 1141 route de l'Eglise, Ste-Foy, Quebec, Canada G1V 3W5] Summary: Observation of foraging dives by Black Ducks /Anas rubripes/, Mallard /A. platyrhynchos/ and Pintail /A. acuta/, were made during the 1973-1974 winter neof shallow-water feeding areas during cold spells.

76-002311 Braithwaite, L. W.; Miller, B. THE MALLARD, /ANAS PLATYRHYNCHOS/, AND MALLARD-BLACK DUCK, /ANAS SUPERCILIOSA ROGERSI/, HYBRIDIZATION. Aust. Wildl. Res. 2 (1): 47-61. June 1975. WR 162
[3 Pelham Place, Chapman 2611, Australia]

76-002312 Brown, Gardner Mallard, Jr.; Hammack, Judd; Tillman, Michael F. MALLARD POPULATION DYNAMICS AND MANAGEMENT MODELS. J. Wildl. Manage. 40 (3): 542-555. July 1976. WR 162
[Univ. Wash., Seattle 98195] Abstract: Production equations are specified that allow more precise explanation and quantification than previously available of relationships between the breeding population of the mallard (Anas platyrhynchos) and its breeding environment. A model is detailed whereby maximum physical sustained yield may be identified under restrictive assumptions. A previously reported management model is shown to have hidden theoretical difficulties, and a different approach, consistent with theory, is developed through the use of mortality factors. This approach allows systematic determination of bag limit and hunting season length. The need is emphasized for more accurate estimates of natural mortality rates so that waterfowl populations can be managed more scientifically.

76-002313 Bryant, D. M.; Leng, J. FEEDING DISTRIBUTION AND BEHAVIOUR OF SHELDUCK IN RELATION TO FOOD SUPPLY. Wildfowl 26: 20-30. 1975. WR 162
[Univ. Stirling, Stirling FK9 4LA, England] Summary: The pattern of Shelduck /Tadorna tadorna/ feeding was studied at Skinflats on the Firth of Forth, during the winter of 1972-1973. An association between the intensity of feeding and the distribution and abundance of the main food, /Hydrobia ulvae/, was observed. This association was influenced by tidal movements and weather conditions and possibly by human disturbance. The behaviour of /Hydrobia/ in relation to water depth apparently strongly influenced both the spatial distribution of feeding flocks and the feeding method used.

76-002314 Cain, Brian W. ENERGETICS OF GROWTH FOR BLACK-BELLIED TREE DUCKS. Condor 78 (1): 124-128. 1976. WR 162
[Tex. A&M Univ., College Station 77843] /Dendrocygnus autumnalis/ in Texas.

76-002315 Dau, Christian P. OCCURRENCE AND POSSIBLE SIGNIFICANCE OF AN ABNORMAL PLUMAGE IN A SPECTACLED EIDER. Murrelet 56 (3): 17. Sept.-Dec. 1975. WR 162
[U.S. FWS, Box 346, Bethel, Alaska 99559] /Somateria fischeri/ in Alaska.

76-002316 Delnicki, Don; Bolen, Eric G.; Cottam, Clarence AN UNUSUAL CLUTCH SIZE OF THE BLACK-BELLIED WHISTLING DUCK. Wilson Bull. 88 (2): 347-348. June 1976. WR 162
[P.O. Box 156, Challenge, Calif. 95925] /Dendrocygna autumnalis/.

76-002317 Foreman, Larry D. OBSERVATIONS OF COMMON MERGANSER BROODS IN NORTHWESTERN CALIFORNIA. Calif. Fish Game 62 (3): 207-212. July 1976. WR 162
[Humboldt State Univ., Arcata, Calif. 95521] Abstract: Observations of common merganser, /Mergus merganser/, broods were made on six floating surveys and three roadside surveys of the Klamath and Trinity rivers of northwestern California in summer 1973. Ten aged broods were estimated hatched between 23 May and 26 June 1973. Average brood size for 52 broods was 8.2 chicks (range 1 to 24). Broods were spaced an average of 5.6 km (3.5 miles). Chick mortality was estimated at 20 to 50 percent. Broods were found generally in the water and near the shore. Of 52 broods, five were attended by no adult, 40 by one adult, one by two adults and six by three to six adults.

76-002318 Gauthier, J.; Bedard J.; Reed, A. OVERLAND MIGRATION BY COMMON EIDERS OF THE ST. LAWRENCE ESTUARY. Wilson Bull. 88 (2): 333-344. June 1976. WR 162
[Univ. Laval, Quebec, Canada] /Somateria mollissima/.

76-002319 Gochfeld, Michael AN APPARENT HYBRID GOLDENEYE FROM MAINE. Wilson Bull. 88 (2): 348-349. June 1976. WR 162
[Am. Mus. Nat. Hist., New York, N.Y. 10024] /Bucephala islandica/ X /B. clangula/.

76-002320 Herman, Carlton M.; Bennett, Gordon F. USE OF SENTINEL DUCKS IN EPIZOOTIOLOGICAL STUDIES OF ANATID BLOOD PROTOZOA. Can. J. Zool. 54 (7): 1038-1043. July 1976. In English with French summ. WR 162
[Memorial Univ. Newfoundland, St. John's, Newfoundland, Canada]

76-002321 Hitachinomiya, Masahito; Yoshii, Masashi [TRENDS OF DUCK-CAPTURE AT THREE DUCK-NETTING PONDS, SINCE 1929.] Misc. Rep. Yamashina's Inst. Ornithol. 7 (4): 351-361. Dec. 1974. In Japanese with English summ. WR 162
[Yamashina Inst. Ornithol., Nampeidai 8-20, Sibuya, Tokyo, Japan] Data for /Anas acuta/, /A. crecca/, /A. penelope/, /A. clypeata/ and /Aythya ferina/.

76-002322 Hume, R. A. REACTIONS OF GOLDENEYES TO BOATING. Br. Birds 69 (5): 178-179. May 1976. WR 162
[31 Lime Grove, Burntwood, Walsall WS7 0HA, England] /Bucephala clangula/ in England.

76-002323 Kear, J. SALVADORI'S DUCK OF NEW GUINEA. Wildfowl 26: 104-111. 1975. WR 162
[Wildfowl Trust, Slimbridge, Gloucester GL2 7BT, England] /Salvadorina (Anas) waigiuensis/.

76-002324 Lebret, T. HET "HETZEN" DOOR EENDEN IN DE VLUCHT. INCITING BY FEMALE DUCKS IN FLIGHT.] Limosa 48 (3-4): 204-205. 1975. In Dutch with English summ. WR 162
[Populterenlaan 7, Middleburg, Netherlands] /Anas platyrhynchos/.

76-002325 Lockner, F. Russell; Youngren, Orlan M. FUNCTIONAL SYRINGEAL ANATOMY OF THE MALLARD. I. /IN SITU/ ELECTROMYOGRAMS DURING ESB ELICITED CALLING. Auk 93 (2): 324-342. Apr. 1976. WR 162
[Calif. State Coll., Pomona, Rohnert Park 94928] /Anas platyrhynchos/.

76-002326 Miller, Michael R. CECAL FERMENTATION IN MALLARDS IN RELATION TO DIET. Condor 78 (1): 107-111. 1976. WR 162
[3407 Windsor Dr., Sacramento, Calif. 95825] /Anas platyrhynchos/ in Colorado.

76-002327 Newton, I.; Campbell, C. R. G. BREEDING OF DUCKS AT LOCH LEVEN, KINROSS. Wildfowl 26: 83-103. 1975. WR 162
[Inst. Terrestrial Ecol., 12 Hope Terrace, Edinburgh EH9 2AS, Scotland] Loch Leven holds the biggest concentration of nesting ducks in Britain. In 1966-1973 the population consisted mainly of Tufted Duck /Aythya fuligula/ (500-600 pairs) and Mallard /Anas platyrhynchos/ (400-450 pairs), with smaller numbers of Gadwall /Anas strepera/ (25-30 pairs), Wigeon /Anas penelope/ (25-30 pairs), Shelduck /Tadorna tadorna/ (11-13 pairs), Shoveler /Anas clypeata/ (up to ten pairs) and Teal /Anas crecca/ (up to ten pairs). --From summ.

76-002328 Pehrsson, Olof FOOD AND FEEDING GROUNDS OF THE GOLDENEYE /BUCEPHALA CLANGULA/ (L.) ON THE SWEDISH WEST COAST. Ornis Scand. 7 (1): 91-112. 1976. In English. WR 162
[Univ. Gothenburg, Pack, S-40033 Gothenburg, Sweden]

76-002329 Siegfried, W. R. SEGREGATION IN FEEDING BEHAVIOUR OF FOUR DIVING DUCKS IN SOUTHERN MANITOBA. Can. J. Zool. 54 (5): 730-736. May 1976. In English with French summ. WR 162
[Percy FitzPatrick Inst., Rondebosch, South Africa] /Aythya valisinaria/, /A. americana/, /A. affinis/ and /Oxyura jamaicensis/.

76-002330 Spurr, Eric; Milne, Henry ADAPTIVE SIGNIFICANCE OF AUTUMN PAIR FORMATION IN THE COMMON EIDER /SOMATERIA MOLLISSIMA/ (L.). Ornis Scand. 7 (1): 85-89. 1976. In English. WR 162
[New Zealand For. Serv., P.O. Box 106, Rangiora, New Zealand]

76-002331 Turner, Bruce C.; Threlfall, William THE METAZOAN PARASITES OF GREEN-WINGED TEAL (/ANAS CRECCA/ L.) AND BLUE-WINGED TEAL (/ANAS DISCORS/ L.) FROM EASTERN CANADA. Proc. Helminthol. Soc. Wash. 42 (2): 157-169. July 1975. WR 162
[Canadian Wildl. Serv., Environment Canada, Edmonton, Alberta T5J 1S6, Canada]

76-002332 Weller, Milton W. HABITAT SELECTION AND FEEDING PATTERNS OF BROWN TEAL (/ANAS CASTANEA CHLOROTIS/) ON GREAT BARRIER ISLAND. Notornis 21 (1): 25-35. Mar. 1974. WR 162
[Iowa State Univ., Ames 50010]

76-002333 Weller, Milton W. SEASONAL VARIATION IN ESTUARY USE BY BROWN TEAL (/ANAS CASTANEA CHLOROTIS/) ON GREAT BARRIER ISLAND. Notornis 22 (3): 246-247. Sept. 1975. WR 162
[Univ. Minn., St. Paul 55108]

76-002334 Williams, G. R.; Weller, M. W. UNSUCCESSFUL SEARCH FOR THE AUCKLAND ISLANDS MERGANSER (MERGUS AUSTRALIS). Notornis 21 (3): 247-249. Sept. 1974. WR 162
[Wildl. Serv., Dep. Internal Affairs, Wellington, New Zealand]
Abstract: A search was made throughout the Auckland Islands between November 1972 and February 1973 during the joint N.Z. Government/U.S. National Science Foundation Expedition. Although Efforts were particularly concentrated on the northern and more sheltered coast of Adams Island where the species was last collected in 1902, the regretful conclusion is that the population has indeed disappeared.

SWANS & GEESE

76-002337 Blokpoel, H.; Hatch, D. R. M. SNOW GEESE, DISTURBED BY AIRCRAFT, CRASH INTO POWER LINES. Can. Field-Nat. 90 (2): 195. Apr.-June 1976. WR 162
[Canadian Wildl. Serv., 2721 Highway 31, Ottawa, Ontario K1A 0H3, Canada] /Chen caerulescens caerulescens/ in Canada.

76-002338 Cadbury, C. J. POPULATIONS OF SWANS AT THE OUSE WASHES, ENGLAND. Wildfowl 26: 148-159. 1975. WR 162
[Royal Soc. Protection of Birds, The Lodge, Sandy, Bedfordshire SG19 2DL, England]

76-002339 De Jong, H.; Philippona, J. HET VOORKOMEN VAN GANZEN IN NOORDOOSTPOLDER EN FLEVOLAND. [THE OCCURRENCE OF GEESE IN NOORDOOSTPOLDER AND FLEVOLAND.] Limosa 48 (1-2): 60-73. 1975. In Dutch with English summ. WR 162
[Bachlaan 42, Alkmaar, Netherlands] /Anser anser/, /A. albifrons/, /A. fabalis/, /A. brachyrhynchus/, /Branta leucopsis/ and /B. canadensis/.

76-002340 Desser, Sherwin S.; Ryckman, Andree K. THE DEVELOPMENT AND PATHOGENESIS OF /LEUCOCYTOZOON SIMONDI/ IN CANADA AND DOMESTIC GEESE IN ALGONQUIN PARK, ONTARIO. Can. J. Zool. 54 (5): 634-643. May 1976. In English with French summ. WR 162
[Univ. Toronto, Toronto, Ontario Canada M5S 1A1] /Branta canadensis maxima/, /B. c. interior/ and /Anser domesticus/ in Canada.

76-002341 Ebbinge, Barwolt; Canters, Kees; Drent, Rudolf FORAGING ROUTINES AND ESTIMATED DAILY FOOD INTAKE IN BARNACLE GEESE WINTERING IN THE NORTHERN NETHERLANDS. Wildfowl 26: 5-19. 1975. WR 162
[Univ. Groningen, Haren (Groningen), Netherlands] /Branta leucopsis/.

76-002342 Evans, Mary E. BREEDING BEHAVIOUR OF CAPTIVE BEWICK'S SWANS. Wildfowl 26: 117-130. 1975.
[Wildfowl Trust, Slimbridge, Gloucester GL2 7BT, England] /Cygnus columbianus bewickii/.

76-002343 Ferns, P. N.; Green. G. H. OBSERVATIONS OF PINK-FOOTED AND BARNACLE GEESE IN THE KONG OSCAR FJORD REGION OF NORTH-EAST GREENLAND, 1974. Wildfowl 26: 131-138. 1975. WR 162
[Univ. Coll., Cathays Park, Cardiff, Wales] /Anser brachyrhynchus/ and /Branta leucopsis/.

76-002344 Gautheir, Maureen C.; Blokpoel, Hans; Curtis, Steven G. OBSERVATIONS ON THE SPRING MIGRATION OF SNOW GEESE FROM SOUTHERN MANITOBA TO JAMES AND HUDSON BAYS. Can. Field-Nat. 90 (2): 196-199. Apr.-June 1976. WR 162
[Blokpoel: Canadian Wildl. Serv., 2721 Highway 31, Ottawa, Ontario K1A 0H3, Canada] /Chen caerulescens caerulescens/.

76-002345 Hatch, David R. M.; Shortt, Angus H. POSSIBLE INTERMEDIATE ROSS' GOOSE AND SNOW GOOSE IN MANITOBA. Auk 93 (2): 391-392. Apr. 1976. WR 162
[Manitoba Mus. Man & Nature, 190 Rupert Ave., Winnipeg, Manitoba R2M 0C5, Canada] /Chen rossii/ and /C. caerulescens caerulescens/

76-002346 Hernandez-Rodriguez, S.; Calero-Carretero, R.; Becerra-Martell, C.; Dominguez de Tena, M.; Moreno-Montanez, T.; Martinez-Gomez, F.; Barasona-Mata, J. /CYATHOSTOMA BRONCHIALIS/ (MUHLIG, 1884) CHAPIN, 1925 (NEMATODA: SYNGAMIDAE) EN /ANSER ANSER/, PRIMERA CITA EN ESPANA. [/CYATHOSTOMA BRONCHIALIS/ IN /ANSER ANSER/, FIRST INSTANCE IN SPAIN.] Rev. Iber. Parasitol. 35 (3-4): 367-371. July-Dec. 1975. In Spanish with English summ. WR 162
[Univ. Cordoba, Cordoba, Spain]

76-002347 Lebret, T.; Mullie, W. C. DE KLEINE ZWAAN /CYGNUS BEWICKII/ OP WALCHEREN EN ELDERS IN ZEELAND. [THE BEWICK'S SWAN /CYGNUS BEWICKII/ ON WALCHEREN AND ELSEWHERE IN ZEELAND, THE NETHERLANDS.] Limosa 48 (1-2): 40-59. 1975. In Dutch with English summ. WR 162
[Populierinlaan 7, Middelburg, Netherlands]

76-002348 Loosjes, M. OVER TERREINGEBRUIK, VERSTORINGEN EN VOEDSEL VAN GRAUWE GANZEN /ANSER ANSER/ IN EEN BRAK GETIJDENGEBIED. [HABITAT USE, DISTURBANCES AND FOOD OF GREYLAG GEESE /ANSER ANSER/ IN A BRACKISH TIDAL AREA.] Limosa 47 (3-4): 121-143. 1974. In Dutch with English summ. WR 162
[Enkele Ring 59, Sommelesdijk, Netherlands]

76-002349 Ogilvie, M. A.; Boyd, H. GREENLAND BARNACLE GEESE IN THE BRITISH ISLES. Wildfowl 26: 139-147. 1975. WR 162
[Wildfowl Trust, Slimbridge, Gloucester GL2 7BT, England] /Branta leucopsis/.

76-002350 Owen, Myrfyn; Cadbury, C. J. THE ECOLOGY AND MORTALITY OF SWANS AT THE OUSE WASHES, ENGLAND. Wildfowl 26: 31-42. 1975. WR 162
[Wildfowl Trust, Slimbridge, Gloucester GL2 7BT, England] The ecology and feeding behavior of Mute /Cygnus olor/, Whooper /C. cygnus cygnus/ and Bewick's Swans /C. columbianus bewickii/ over six winters 1969-1975 at the Ouse Washes, England, is described. An analysis is made of the winter mortality of swans at the site. --From summ.

76-002351 Radesater, T. INDIVIDUAL SIBLING RECOGNITION IN JUVENILE CANADA GEESE (/BRANTA CANADENSIS/). Can. J. Zool. 54 (7): 1069-1072. July 1976. In English with French summ. WR 162
[Univ. Stockholm, Box 6801, S-11386 Stockholm, Sweden]

76-002352 Raveling, Dennis G. MIGRATION REVERSAL: A REGULAR PHENOMENON OF CANADA GEESE. Science 193 (4248): 153-154. 9 July 1976. WR 162
[Univ. Calif., Davis 95616] Abstract: Migration from a nesting to a wintering ground and back again in autumn was detected each year during a 3-year study of individually identifiable Canada geese (/Branta canadensis/). Reverse migrants were primarily yearling, nonbreeding individuals and others of nonfamily status.

76-002353 Reeves, Henry M.; Cooch, F. Graham; Munro, Robert E. MONITORING ARCTIC HABITAT AND GOOSE PRODUCTION BE SATELLITE IMAGERY. J. Wildl. Manage. 40 (3): 532-541. July 1976. WR 162
[U.S. Fish & Wildl. Serv., Washington, D.C. 20240] Spacecraft imagery, especially from the National Atmospheric and Oceanic Administration's Improved TIROS (Television Infra-Red Observational Satellite) Operational Satellites, permits timely evaluations of snow and ice conditions encountered by arctic nesting geese. Imagery from the TIROS satellite for 5 widely scattered locations in arctic North America was obtained for three 3-day intervals in June 1973 and 1974. --From abstr.

76-002354 Ryder, John P. THE SIGNIFICANCE OF TERRITORY SIZE IN COLONIAL NESTING GEESE--AN HYPOTHESIS. Wildfowl 26: 114-116. 1975. WR 162
[Dept. of Biology, Lakehead Univ., Thunder Bay, Ontario P7B 5E1, Canada] Summary: Three possible alternatives are presented to explain the evolution of territory size in geese which nest colonially in the Arctic. The author suggests the size of the territory defended by the gander has evolved in relation to food reserves accumulated before the nesting season. The territory is large enough to provide sufficient supplemental food during the entire nesting season and small enough to enable him to protect the nest site from close-nesting conspecifics. The balance between a large and small territory is realized in the gander spending proportionately more time on the area.

76-002355 Yokota, Yoshio; Hoshiko, Kadoaki; Takeishi, Masayoshi; Nishide, Takashi [THE MIGRATION COURSE OF GEESE WINTERING AT LAKE IZUNUMA (2): ORIGIN OF THE FLOCKS IN ISHIKARI PLAIN, HOKKAIDO.] Misc. Rep. Yamashina's Inst. Ornithol. 8 (1): 38-52. Mar. 1976. In Japanese with English summ. WR 162.
[1-2-31 Haranomachi, Sendai, Japan] /Anser albifrons frontaris/ and /Branta canadensis leucopareia/.

76-002356 Yokota, Yoshio; Nishide, Takashi [ON THE MIGRATION COURSE OF GEESE WINTERING AT LAKE IZUNUMA.] Misc. Rep. Yamashina's Inst. Ornithol. 7 (3): 309-323. June 1974. In Japanese with English summ. WR 162
[1-2-31 Haranomachi, Sendai, Japan] /Anser albifrons/, /A. fabalis/, and /Branta canadensis leucopareia/.

LOONS & GREBES

76-002357 Binford, Laurence C.; Remsen, J. V., Jr. IDENTIFICATION OF THE YELLOW-BILLED LOON (/GAVIA ADAMSII/). Western Birds 5 (4): 111-126. 1974. WR 162
[Calif. Acad. Sci., Golden Gate Park, San Francisco 94118] Field and hand characters are given to distinguish from /Gavia immer/.

76-002358 Gillieron, Georges ETUDE DES GREBES CASTAGNEUX, /PODICEPS RUFICOLLIS/, HIVERNANT DANS LA BASSE-PLAINE DU RHONE. [STUDY OF /PODICEPS RUFICOLLIS/ WINTERING IN THE FLOOD PLAIN OF THE RHONE RIVER] Nos Oiseaux 32 (8-9): 207-230. Apr.-June 1974. In French. WR 162
[Ave. des Alpes 47, 1814 La Tour-de-Peilz, Switzerland] Results of studies during 1951-1973.

76-002359 Jackson, Jerome A. COUNTERSHADING ON THE FEET THE LEGS OF THE COMMON LOON. Auk 93 (2): 384-387. Apr. 1976. WR 162
[Miss. State Univ., Mississippi] State 39762] /Gavia immer/.

76-002360 Kerautret, Lucien NOTES SUR LA REPRODUCTION DU GREBE HUPPE /PODICEPS CRISTATUS/ DANS LE NORD DE LA FRANCE. [NOTES ON THE REPRODUCTION OF /PODICEPS CRISTATUS/ IN NORTHERN FRANCE.] Alauda 44 (2): 181-186. June 1976. In French with Germann and English summ. WR 162
[42 rue de l'Abbaye-des-pres, 59500 Douai, France]

76-002361 Kettle, P. R. /AQUANIRMUS AUSTRALIS/ N. SP. (MALLOPHAGA: PHILOPTERIDAE) FROM THE NEW ZEALAND DABCHICK, /PODICEPS RUFOPECTUS/. N. Z. J. Zool. 1 (3): 337-340. Aug. 1974. WR 162
[Wallaceville Anim. Res. Cent., Minist. Agric. & Fisheries, Upper Hutt, New Zealand]

76-002362 Remsen, J. V., Jr.; Binford, Laurence C. STATUS OF THE YELLOW-BILLED LOON (/GAVIA ADAMSII/) IN THE WESTERN UNITED STATES AND MEXICO. Western Birds. 6 (1): 7-20. 1975. WR 162
[Univ. Calif., Berkeley 94720]

76-002363 Simmons, K. E. L. HELMINTH-EATING IN GREBES. Wildfowl 26: 58-63. 1975. WR 162
[Univ. Leicester, Leicester LE1 7RH, England] /Podiceps cristatus/.

SHOREBIRDS, MARSHBIRDS & ALLIES

76-002364 Anderson, A. A METHOD OF SEXING MOORHENS. Wildfowl 26: 77-82. 1975. WR 162
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76-002398 Peirce, M. A. /HAEMOPROTEUS BALEARICAE/ SP. NOV., FROM CROWNED CRANES, /BALEARICA PAVONINA PAVONINA/ AND /B. PAVONINA GIBBERICEPS/. Bull. Epizoot. Dis. Afr. 21 (4): 467-475. Dec. 1973. WR 162
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76-002401 Poelgeest, R. van; Osieck, E. R. ENIGE GEGEVENS OVER HET VOORKOMEN VAN DE KLUUT /RECURVIROSTRA AVOSETTA/ IN ZUIDELIJK FLEVOLAND. [ON THE OCCURENCE OF THE AVOCET /RECURVIROSTRA AVOSETTA/ IN ZUIDELIJK FLEVOLAND.] Limosa 47 (3-4): 94-99. 1974. In Dutch with English summ. WR 162
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[Point Reyes Bird Observatory, Box 321, Bolinas, Calif. 94924] /Ardea herodias/ and /Casmerodius albus/.

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[Wildl. Serv., Dep. Internal Affairs, Wellington, New Zealand] The total population of Takahe for this 518 sq. Km region is estimated to number about 435-510 with a possible maximum in excess of 560 birds.

76-002404 Reid, Brian FAECES OF TAKAHE (/NOTORNIS MANTELLI/): A GENERAL DISCUSSION RELATING THE QUANTITY OF FAECES TO THE TYPE OF FOOD AND TO THE ESTIMATED ENERGY REQUIREMENTS OF THE BIRD. Notornis 21 (4): 306-311. Dec. 1974. WR 162
[Wildl. Serv., Dep. Internal Affairs, Wellington, New Zealand]

76-002405 Reid, Brian SIGHTINGS AND RECORDS OF THE TAKAHE (/NOTORNIS MANTELLI/) PRIOR TO ITS "OFFICIAL REDISCOVERY" BY DR G. B. ORBELL IN 1947. Notornis 21 (4): 277-295. Dec. 1974. WR 162
[Wildl. Serv., Dep. Internal Affairs, Wellington, New Zealand] Abstract: Subfossil and midden remains show the species was once distributed throughout the entire length of New Zealand and there seems little doubt that Takahe were scattered throughout a much larger area of South Island during the latter half of the nineteenth century and in the early decades of this century than is generally known.

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[Univ. South Fla., Tampa 33620] /Plegadis chihi/ in Louisiana.

76-002407 Sadler, Douglas A. R.; Maher, W. J. NOTES ON THE LONG-BILLED CURLEW IN SASKATCHEWAN. Auk 93 (2): 382-384. Apr. 1976. WR 162
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76-002408 Schmitt, M. B. OBSERVATIONS ON THE CAPE RAIL IN THE SOUTHERN TRANSVAAL. Ostrich 47 (1): 16-26. Mar. 1976. WR 162
[98 The Sentinel, 28 v.d. Merwe St., Hillbrow 2001, South Africa] /Rallus caerulescens/.

76-002409 Spaans, A. L. THE STATUS OF THE WOOD STORK, JABIRU, AND MAGUARI STORK ALONG THE SURINAM COAST, SOUTH AMERICA. Ardea 63 (3-4) : 116-130. 1975. In English with Dutch summ. WR 162
['s Lands Bosbeheer, P. O. Box 436, Paramiribo, Surinam] /Mycteria americana/, /Jabiru mycteria/ and /Ciconia maguari/.

76-002410 Spaans, A. L. TWO MISIDENTIFIED EGGS OF THE AMERICAN FLAMINGO FROM SURINAM IN THE OOLOGICAL COLLECTION OF THE PENARD BROTHERS. Ardea 63 (3-4): 131-135. 1975. In English with Dutch summ. WR 162
['s Lands Bosbeheer, P.O. Box 436, Paramaribo, Surinam]
/Phoenicopterus ruber/.

76-002411 Stenzel, Lynne E.; Huber, Harriet R.; Page, Gary W. FEEDING BEHAVIOR AND DIET OF THE LONG-BILLED CURLEW AND WILLET. Wilson Bull. 88 (2): 314-332. June 1976. WR 162
[Point Reyes Bird Observatory, Box 321, Bolinas, Calif. 94924] /Numenius americanus/ and /Catoptrophorus semipalmatus/ on Bolinas Lagoon, California.

76-002412 Taylor, Michael J. DO MIGRATORY FLOCKS OF GODWITS AND KNOTS BRING OTHER WADERS TO NEW ZEALAND? Notornis 22 (3): 253. Sept. 1975. WR 162
[28 Awarua Crescent Orakei, Auckland 5, New Zealand]

76-002413 Tolle, Duane A. A WESTWARD EXTENSION IN THE BREEDING RANGE OF THE MOUNTAIN PLOVER. Wilson Bull. 88 (2): 358-359. June 1976. WR 162
[Battelle, 505 King Ave., Columbus, Ohio 43201] /Charadrius montanus/.

76-002414 Weir, R. D.; Cooke, F. AUTUMN MIGRATION OF SHOREBIRDS IN THE KINGSTON AREA OF ONTARIO, 1964-1974. Can. Field-Nat. 90 (2): 103-113. Apr.-June 1976. WR 162
[Royal Military Coll. of Canada, Kingston, Ontario K7L 2W3, Canada]
Abstract: We describe the timing and relative abundance of 25 species of migrating shorebirds seen in autumn in the Kingston area of Ontario between 1964 and 1974. Weekly numbers for 12 species are presented and the characteristic patterns of the birds' appearance in the area are correlated with plumage details as recorded in the field. Differential age migration, with adult preceding immatures, is suggested in seven of the common species and probably in two others. Differential sex migration occurs in the only species with an observed sexual size dimorphism that is visible from field observations.

76-002415 Westerskov, K. E. PROBABLY FIRST BREEDING OF THE CATTLE EGRET (/BUBULCUS IBIS/) IN NEW ZEALAND. Notornis 21 (3): 239-246. Sept. 1974. WR 162
[Univ. Otago, Dunedin, New Zealand]

76-002416 Willard, David E. HERONS CATCH TWO FISH IN ONE STRIKE. Auk 93 (2): 391. Apr. 1976. WR 162
[Princeton Univ., Princeton, N.J.] /Casmerodius albus/, /Ardea herodias/, /Egretta thula/ and /Hydranassa tricolor/ in New Jersey.

76-002417 Wishart, Richard A.; Bider, J. Roger HABITAT PREFERENCES OF WOODCOCK IN SOUTHWESTERN QUEBEC. J. Wildl. Manage. 40 (3): 523-531. July 1976. WR 162
[Delta Waterfowl Res. Stn., Portage la Prairie, Manitoba, Canada R1N 3A1] /Philohela minor/.

76-002418 Worth, C. Brooke BODY-BOBBING WOODCOCKS. Auk 93 (2): 374-375. Apr. 1976. WR 162
[R.D., Delmont, N.J. 08314] /Philohela minor/ in New Jersey.

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[Point Reyes Bird Observatory, Box 321, Bolinas, Calif. 94924]

76-002420 Andersson, Malte PREDATION AND KLEPTOPARASITISM BY SKUAS IN A SHETLAND SEABIRD COLONY. Ibis 118 (2): 208-217. Apr. 1976. WR 162
[Goteborg Univ., S-400 33 Goteborg, Sweden] /Stercorarius skua/, /S. parasiticus/, /Rissa tridactyla/, /Fratercula arctica/ and /Larus/ spp.

76-002421 Baldridge, Alan THE STATUS OF THE BROWN PELICAN IN THE MONTEREY REGION OF CALIFORNIA: PAST AND PRESENT. Western Birds 4 (4) : 93-100. 1973. WR 162
[Hopkins Marine Stn., Pacific Grove, Calif. 93950] /Pelecanus occidentalis californicus/.

76-002422 Barre, Herve ETUDE DE LA DEPENSE ENERGETIQUE DU POUSSIN DE MANCHOT ROYAL (/APTENODYTES PATAGONICA/ J. F. MILLER) DANS LES CONDITIONS AMBIANTES NATURELLES. [A STUDY OF ENERGY EXPENDITURE BY THE CHICK OF THE KING PENGUIN (/APTENODYTES PATAGONICA/ J. F. MILLER) IN NATURAL AMBIENT CONDITIONS.] C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat. 282 (1): 89-92. 5 Jan. 1976. In French with Enflish summ. WR 162
[Mus. Natl. Hist. Nat., 55 rue de Buffon, 75005 Paris, France]

76-002423 Barre, Herve LE JEUNE DU MANCHOT ROYAL (/APTENODYTES PATAGONICA/ J. F. MILLER) A L'ILE DE LA POSSESSION (46 25' SUD, 51 45' EST). [THE FAST OF THE KING PENGUIN (/APTENODYTES PATAGONICA/ J. F. MILLER) AT POSSESSION ISLAND (46 25' SOUTH, 51 45' EAST).] C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat. 280 (25): 2885-2888. 30 June 1975. In French with English summ. WR 162
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[37 Sefton St., Wadestown, Wellington 1, New Zealand] Annotated list.

76-002425 Brown, R. G. B. THE FORAGING RANGE OF BREEDING DOVEKIES, /ALLE ALLE/. Can. Field-Nat. 90 (2): 166-168. Apr.-June 1976. WR 162
[Bedford Inst. Oceanogr., Dartmouth, Nova Scotia B2Y 4A2, Canada]

76-002426 Brown, William Y. THE BREEDING OF SOOTY TERNS AND BROWN NODDIES ON MANANA ISLAND, HAWAII. Condor 78 (1): 61-66. 1976. WR 162
Sterna fuscata/ and /Anous stolidus/.

76-002427 Brown, William Y. EGG SPECIFIC GRAVITY AND INCUBATION IN THE SOOTY TERN AND BROWN NODDY. Auk 93 (2): 371-374. Apr. 1976. WR 162
[23 Hudson St., Cambridge, Mass. 02138] /Sterna fuscata/ and /Anous stolidus/ in Hawaii.

76-002428 Brown, William Y. PROLONGED PARENTAL CARE IN THE SOOTY TERN AND BROWN NODDY. Condor 78 (1): 128-129. 1976. WR 162
[Monitor Suite 925, 1346 Connecticut Ave. N.W., Washington, D.C. 20039] /Sterna fuscata/ and /Anous stolidus/ in Hawaii.

76-002429 Burger, Joanna DAILY AND SEASONAL ACTIVITY PATTERNS IN BREEDING LAUGHING GULLS. Auk 93 (2): 308-323. Apr. 1976. WR 162
[Rutgers Univ., New Brunswick, N.J. 08903] /Larus atricilla/ in New Jersey.

76-002430 Burger, Joanna NEST DENSITY OF THE BLACK-HEADED GULL IN RELATION TO VEGETATION. Bird Study 23 (1): 27-32. Mar. 1976. WR 162
[Rutgers Univ., New Brunswick, N.J. 08903] /Larus ridibundus/ in England.

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[Gatty Marine Lab., St. Andrews, Fife, Scotland]

76-002432 Clapp, Roger B. GRAY-BACKED TERNS EAT LIZARDS. Wilson Bull. 88 (2): 354. June 1976. WR 162
[Natl. Mus. Nat. Hist., Washington, D.C. 20560] /Sterna lunata/ versus /Cryptoblepharus boutoni/.

76-002433 Clarke, Andrew; Prince, Peter A. THE ORIGIN OF STOMACH OIL IN MARINE BIRDS: ANALYSES OF THE STOMACH OIL FROM SIX SPECIES OF SUBANTARCTIC PROCELLARIIFORM BIRDS. J. Exp. Mar. Biol. Ecol. 23 (1): 15-30. July 1976. WR 162
[Monts Wood Exp. Stn., Abbots Ripton, Huntingdon, England]

76-002434 Cooper, J. ALBATROSS DISPLAYS OFF THE SOUTH-WEST COAST OF SOUTH AFRICA. Notornis 21 (3): 234-238. Sept. 1974. WR 162
[Percy FitzPatrick Inst. African Ornithol., Rondebosch, Cape Province, South Africa] Displays observed at sea for four species of albatross (/Diomedea exulans/, /D. melanophris/, /D. cauta/ and /D. chlororhynchus/) off the south-west coast of South Africa are described. --From abstr.

76-002435 Coulson, J. C. AN EVALUATION OF THE RELIABILITY OF RINGS USED ON HERRING AND LESSER BLACK-BACKED GULLS. Bird Study 23 (1): 21-26. Mar. 1976. WR 162
[Univ. Durham, Durham DH1 3LE, England] /Larus agrentatus/ and /L. fuscus/.

76-002436 Courtney, Charles; Ernst, John V. /EIMERIA PELECANI/ SP. N. FROM THE BROWN PELICAN, /PELECANUS OCCIDENTALIS CAROLINENSIS/, FROM FLORIDA. J. Parasitol. 61 (6): 1081-1082. Dec. 1975. WR 162
[Auburn Univ., Auburn, Ala.]

76-002437 Crawford, Richard D. AGE-RELATED SPATIAL DISTRIBUTION OF ADELIE PENGUINS. Notornis 21 (4): 334-336. Dec. 1974. WR 162
[Iowa State Univ., Ames 50010] /Pygoscelis adeliae/.

76-002438 Crawford, Richard D. INCUBATION OF AN ADELIE PENGUIN EGG BY A SOUTH POLAR SKUA. Notornis 21 (3): 262-263. Sept. 1974. WR 162
[Iowa State Univ., Ames 50010] /Pygoscelis adelie/ and /Catharacta maccormicki/.

76-002439 Crawford, Richard D. NON-BREEDING ADELIE PENGUINS FEEDING CHICKS. Notornis 21 (4): 381-382. Dec. 1974. WR 162
[Iowa State Univ., Ames 50010] /Pygoscelis adeliae/ in Antarctica.

76-002440 Crawford, Richard D. POST-INCUBATION ACTIVITY OF ADELIE PENGUINS. Notornis 22 (1): 54-57. Mar. 1975. WR 162
[Iowa State Univ., Ames 50010] /Pygoscelis adeliae/ at Hallett Station, Antarctica.

76-002441 Crockett, D. E.; Kearns, M. P. NORTHERN LITTLE BLUE PENGUIN MORTALITY IN NORTHLAND. Notornis 22 (1): 69-72. Mar. 1975. WR 162
[21 McMillan Ave., Kamo, Whangarei, New Zealand] Tabulations of /Eudyptula minor/ mortalities during 1973-1974.

76-002442 Crockett, David E. KERMADEC ISLANDS EXPEDITION REPORTS: THE WEDGE-TAILED SHEARWATER (/PUFFINUS PACIFICUS PACIFICUS/) IN THE NORTHERN KERMADECS. Notornis 22 (1): 1-9. Mar. 1975. WR 162
[21 McMillan Ave., Kamo, Whangarei, New Zealand]

76-002443 Dawson, William R.; Bennett, Albert F.; Hudson, Jack W. METABOLISM AND THERMOREGULATION IN HATCHLING RING-BILLED GULLS. Condor 78 (4): 49-60. 1976. WR 162
[Univ. Mich., Ann Arbor 48109] /Larus delawarensis/ in Michigan.

76-002444 Dean, Alan R.; Dean, Brian R. GLAUCOUS AND ICELAND GULLS IN THE WEST MIDLANDS. Br. Birds. 69 (5): 179-180. May 1976. WR 162
[2 Charingworth Rd., Solihull, West Midlands B92 8HT, England] /Larus hyperboreus/ and /L. glaucoides/ in England.

76-002445 Derksen, Dirk V. UNREPORTED METHOD OF STONE-COLLECTING BY THE ADELIE PENGUIN. Notornis 22 (1): 77-78. Mar. 1975. WR 162
[Iowa State Univ., Ames 50010] /Pygoscelis adeliae/ at Hallett Station, Antarctica.

76-002446 Diamond, A. W. SUBANNUAL BREEDING AND MOULT CYCLES IN THE BRIDLED TERN /STERNA ANAETHETUS/ IN THE SEYCHELLES. Ibis 118 (3): 414-419. July 1976. WR 162
[Univ. Nairobi, P.O. Box 30197, Nairobi, Kenya]

76-002447 Divoky, George J. THE PELAGIC FEEDING HABITS OF IVORY AND ROSS' GULLS. Condor 78 (1): 85-90. 1976. WR 162
[Alaska Dep. Fish & Game, Fairbanks 99701] /Pagophila eburnea/ and /Rhodostethia rosea/ in Alaska.

76-002448 Everett, Michael J. MUTUAL SPINNING BY RED-NECKED PHALAROPES. Br. Birds 69 (6): 219-220. June 1976. WR 162
[RSPB, The Lodge, Sandy, Bedfordshire SG19 2DL, England] /Phalaropus lobatus/ in Norway and Finland.

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[37 Ave. de Champel, 1206 Geneva, Switzerland] /Pelecanus crispus/ and /P. onocrotalus/ in Greece.

76-002453 Groscolas, Rene; Clement, Christian UTILISATION DES RESERVES ENERGETIQUES AU COURS DU JEUNE DE LA REPRODUCTION CHEZ LE MANCHOT EMPEREUR, /APTENODYTES FORSTERI/. [UTILIZATION OF THE ENERGY SUPPLIES DURING THE BREEDING FASTING OF THE EMPEROR PENGUIN, /APTENODYTES FORSTERI/.] C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat. 282 (3): 297-300. 19 Jan. 1976. In French with English summ. WR 162
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76-002465 Lawson, C. S. CHARADRIIFORMES NEW TO NEVADA. Western Birds 4 (3): 77-82. 1973. WR 162
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[P.O. Box 44, Hawaii Natl. Park 96718] /Cerorhinca monocerata/.

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[Woods Hole Oceanographic Inst., Woods Hole, Mass. 02543]

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[Wildl. Serv., Dep. Internal Affairs, P.O. Box 2220, Auckland, New Zealand]

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[Univ. Canterbury, Christchurch, New Zealand] The stomach oils of /Diomedea epomophora/, /D. melanophris/, /D. chrysostoma/, /D. bulleri/, /Phoebetria palpebrata/, /Macronectes halli/, /Fulmarus glacialis/, /Daption capense/, /Pagodroma nivea/, /Pterodroma inexpectata/, /P. mollis/, /P. lessoni/, /Procellaria aequinoctialis/, /Puffinus tenuirostris/, /P. griseus/ and /Hydrobates pelagicus/ have been analyzed for lipid classes and energy contents. --From abstr.

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[41 Chambers St., Havelock North, Hawkes Bay, New Zealand]

76-002488 Yesner, David R. ALEUTIAN ISLAND ALBATROSSES: A POPULATION HISTORY. Auk 93 (2): 263-280. Apr. 1976. WR 162
[Univ. Alaska, Anchorage 99504] /Diomedea albatrus/, /D. nigripes/ and /D. immutabilis/.

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76-002489 Balgooyen, Thomas G. BEHAVIOR AND ECOLOGY OF THE AMERICAN KESTREL (/FALCO SPARVERIUS/ L.) IN THE SIERRA NEVADA OF CALIFORNIA. Univ. Calif. Publ. Zool. 103. iii + 83p. 16 Feb. 1976. WR 162
[Univ. Calif., Berkeley]

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[Macdonald Raptor Res. Cent., McGill Univ., Quebec, Canada] /Falco sparverius/ in Canada.

76-002491 Blanchet, Maurice QUARANTE ANS DE NIDIFICATION DE L'EFFRAIE DANS LE MEME NICHOIR. [FORTY YEARS OF NESTING OF THE BARN OWL IN THE SAME NEST.] Nos Oiseaux 32 (2-3): 43-46. Apr.-June 1973. In French. WR 162
[1232 Confignon, Geneva, Switzerland] /Tyto alba/ in Switzerland.

76-002492 Bonora, Mario; Chiavetta, Mario CONTRIBUTION A L'ETUDE DU FAUCON LANIER /FALCO BIARMICUS FELDEGGI/ EN ITALIE. [CONTRIBUTION TO THE STUDY OF /FALCO BIARMICUS FELDEGGI/ IN ITALY.] Nos Oiseaux 33 (4): 153-168. Dec. 1975. In French with Italian summ. WR 162
[Via Mezzofanti 29, 40137 Bologna, Italy]

76-002493 Brett, Linda P.; Hankins, Walter G.; Garcia, John PREY-LITHIUM AVERSIONS. III: BUTEO HAWKS. Behav. Biol. 17 (1): 87-98. May 1976. WR 162
[Univ. Calif., Los Angeles] Abstract: While mammalian predators, such as the coyote, follow an olfactory spoor in hunting, hawks rely primarly in visual information. Also, mammalian predators kill with their teeth, whereas hawks kill with taloned feet and so do not taste their prey immediately. In this experiment, captive Buteo hawks were studied to determine (1) if hawks can learn to avoid prey that have been paired with illness as effectively as the coyote, and (2) if distal visual cues are more significant than proximal taste cues in the conditioning of such aversions. Lithium chloride illness followed consumption of "poison" mice that differed from alternative "safe" mice in taste and/or color. Acquisition, generalization, and extinction data indicated that (1) hawks, like the coyote, can acquire pronounced aversions for prey, and (2) while visual cues were sufficient to inhibit attack directed at the prey, taste cues were much more effective in inhibiting consumption.

76-002494 Bunn, D. S. EYESIGHT OF BARN OWL. Br. Birds 69 (6): 220-222. June 1976. WR 162
[13 Walden Rd., Blackburn, Lancashire BB1 9PQ, England] /Tyto alba/.

76-002495 Clunie, Fergus A FIJI PEREGRINE (/FALCO PEREGRINUS/) IN AN URBAN-MARINE ENVIRONMENT. Notornis 23 (1): 8-28. Mar. 1976. WR 162
[Fiji Mus., P.O. Box 2025, Suva, Fiji] Abstract: The daily routine and hunting methods of a female Peregrine (/Falco peregrinus/) resident in Suva. Viti Levu island, Fiji, are described, and her food examined. The falcon was capable of hunting in very poor light conditions, and specialised in birds weighing routhly 100-300 g., although larger and smaller prey were available. Food consisted mainly of pigeons, waders and sea-birds, unlike that of rainforest-dwelling peregrines at a nearby eyrie, which fed on flying fox bats. The Suva falcon showed a tendency to kill birds which were unusual or uncommon on her hunting range, including two species of rail previously thought to be extinct or near extinct on Viti Levu.

76-002496 Ellis, David H. FIRST BREEDING RECORDS OF MERLINS IN MONTANA. Condor 78 (1): 112-114. 1976. WR 162
[U.S. FWS, 301 W. Congress, Tucson, Ariz. 85701] /Falco columbarius/.

76-002497 Fischthal, Jacob H.; Kuntz, Robert E. /NECDIPLOSTOMUM (NEODIPLOSTOMUM) GEORGESDUBOISI/ SP. N. (TREMATODA: DIPLOSTOMATIDAE) FROM THE SERPENT EAGLE FROM PALAWAN ISLAND, PHILIPPINES. Proc. Helminthol. Soc. Wash. 42 (1): 67-69. Jan. 1975. WR 162
[State Univ. N.Y., Binghamton, N.Y. 13901] /Spilornis cheela palawanesis/.

76-002498 Fitzner, Richard E.; Fitzner, Julia N. WINTER FOOD HABITS OF SHORT-EARED OWLS IN THE PALOUSE PRAIRIE. Murrelet 56 (2): 2-4. May-Aug. 1975. WR 162
[Battelle, Pacific Northwest Lab., Battelle Blvd., Richland, Wash. 99352] /Asio flammeus/.

76-002499 Ganis, G. Robert AMERICAN KESTREL EATING CARRION. Wilson Bull. 88 (2): 357. June 1976. WR 162
[Rt. 5, Box 383, Lebanon, Pa. 17042] /Falco sparverius/ in Pennsylvania.

76-002500 Geroudet, Paul PREMIERS PAS VERS LA REINTRODUCTION DU GYPAETE BARBU DANS LES ALPES. [FIRST STEPS ON THE REINTRODUCTION OF /GYPAETUS BARBATUS/ TO THE ALPS.] Nos Oiseaux 32 (11): 300-310. Oct. 1974. In French. WR 162
[7 Ave. de Champel, 1206 Geneva, Switzerland]

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[Univ. Wash., Seattle 98102] /Haliaeetus leucocephalus/.

76-002502 Harris, James T.; Clement, David M. GREENLAND PEREGRINES AT THEIR EYRIES, A BEHAVIORAL STUDY OF THE PEREGRINE FALCON. Medd. Gronl. 205 (3): 28p. 1975. WR 162
[Univ. Wis., Madison] Abstract: Two families of the endandered peregrine falcon (/Falco peregrinus tundrius/) were observed at their nest cliffs in West Greenland. This article describes the breeding behavior of the tundra peregrine, including vocalizations, prey species, feeding and hunting, activity cycles, parental roles, and inter- and intraspecific behavior.

76-002503 Herrera, Carlos M.; Hiraldo, Fernando FOOD-NICHE AND TROPHIC RELATIONSHIPS AMONG EUROPEAN OWLS. Ornis Scand. 7 (1): 29-41. 1976. In English. WR 162
[Biol. Stn., Paraguay 1-2, Seville-12, Spain] Abstract: The study of three western European owl communities revealed the existence of geographical patterns concerning food-niche characteristics of the individual owl species and, consequently, of community composition and structure. Middle and Northern European communities show a close packing of species along the food dimension of the niche; the ways in which the available food resources are exploited are very restricted owing to the abundance of a particular prey type (voles, Microtinae). With increasing scarcity of this microtine prey, some species are eliminated in the Mediterranean community, food exploitation methods are diversified, and some substantial dietary shifts occur.

76-002504 Higby, L. Warren FALCONRY--A TROUBLED SPORT. Wyo. Wildl. 40 (1): 32-34. Jan. 1976. WR 162

76-002505 Hoekstra, B. TWEE GEVALLEN VAN KANNIBALISME BIJ DE KERKUIL /TYTO ALBA/. [TWO CASES OF CANNIBALISM OF THE BARN OWL.] Limosa 48 (1-2): 118-120. 1975. In Dutch with English summ. WR 162
[Bornestraat 118, Almelo, Netherlands] /Tyto alba/ in the Netherlands.

76-002506 Imboden, Christoph A BRIEF RADIO-TELEMETRY STUDY ON MOREPORKS. Notornis 22 (3): 221-230. Sept. 1975. WR 162
[Schweizerische Bund Naturschutz, Wartenberg Strasse 22, CH-4052 Basle, Switzerland] /Ninox novaeseelandiae/ in New Zealand.

76-002507 Jeal, P. E. C. PREY OF SHORT-EARED OWLS IN BREEDING QUARTERS IN THE OUTER HEBRIDES. Bird Study 23 (1): 56-57. Mar. 1976. WR 162
[RA Range, Balivanich, Isle of Benbecula, Outer Hebrides, Scotland] /Asio flammeus/.

76-002508 Johnson, Wayne D. NOTES ON THE METABOLISM OF THE CUCKOO OWLET AND HAWK OWL. Bull. South. Calif. Acad. Sci. 74 (1): 44-45. Apr. 1975. WR 162
[Warren High School, Downey, Calif. 90241] /Glaucidium cuculoides/ and /Surnia ulula/.

76-002509 Kazama, Tatsuo [CAGE OBSERVATION OF WOUNDED URAL OWLS AND THEIR EGG-LAYING IN CAPTIVITY.] Misc. Rep. Yamashina's Inst. Ornithol. 7 (3): 333-349. June 1974. In Japanese with English summ. WR 162
[Niigata Bird Cent., (950-21) Sakai 1398-3, Niigata City, Japan] /Strix uralensis/ in Japan.

76-002510 Kwon, Ki-Chung; Won, Pyong-Oh BREEDING BIOLOGY OF THE CHINESE SPARROW HAWK /ACCIPITER SOLOENSIS/. Misc. Rep. Yamashina's Inst. Ornithol. 7 (5): 501-522. June 1975. In English with Japanese summ. WR 162
[Kyung Hee Univ., Seoul, Korea]

76-002511 Lafontaine, A. Richard; Fowler, Janet H. GOLDEN EAGLE PREYS ON OSPREY. Auk 93 (2): 390. Apr. 1976. WR 162
[33 West St., Easthampton, Mass.] /Aquila chrysaetos/ and /Pandion haliaetus/ in Massachusetts.

76-002512 Lavers, Norman STATUS OF THE HARLAN'S HAWK IN WASHINGTON, AND NOTES ON ITS IDENTIFICATION IN THE FIELD. Western Birds 6 (2): 55-62. 1975. WR 162
[873 Samish Island Rd., Bow, Wash. 98232] /Buteo jamaicensis harlani/.

76-002513 Ligon, J. David; Brenowitz, Gene L. FIRST RECORD OF THE WHISKERED OWL IN NEW MEXICO. Condor 78 (1): 112. 1976. WR 162
[Univ. N. Mex., Albuquerque 87131] /Otus trichopsis/.

76-002514 Mallette, Robert D. FALCONRY AS A SPORT--HOW DO WE REGULATE IT? Proc. Annu. Conf. W. Assoc. State Game Fish Comm. 55: 139-146. 1975. WR 162
[Calif. Dep. Fish & Game, Sacramento 95814]

76-002515 Marshall, David B.; Nickerson, Paul R. THE BALD EAGLE: 1776-1976. Natl. Parks Conserv. Mag. 50 (7): 14-19. July 1976. WR 162
[U.S. FWS, Washington, D.C.] /Haliaeetus leucocephalus/. "Ironically, our national symbol, the American bald eagle, needs continuing help for its survival." One of a series on endangered species.

76-002516 Matsuoka, Shigeru [PREY TAKEN BY LONG-EARED OWL /ASIO OTUS/ IN THE BREEDING SEASON IN HOKKAIDO.] Misc. Rep. Yamashina's Inst. Ornithol. 7 (3): 324-329. June 1974. In Japanese with English summ. WR 162
[Hokkaido Univ., Sapporo, Japan]

76-002517 Morzenti, Alida; Fenn, Mark A NEW LEASE ON LIFE FOR BIRDS OF PREY. Outdoor Calif. 36 (3): 10-11. May-June 1975. WR 162
Popular account of a center to rehabilitate injured raptors.

76-002518 Odsjo, Tjelvar; Sondell, Jan REPRODUCTIVE SUCCESS IN OSPREYS /PANDION HALIAETUS/ IN SOUTHERN AND CENTRAL SWEDEN, 1971-1973. Ornis Scand. 7 (1): 71-84. 1976. In English. WR 162
[Swedish Mus. Nat. Hist., S-10405 Stockholm 50, Sweden]

76-002519 Opdam, Paul; Muskens, Gerard BROEDGEVALLEN VAN HAVIK /ACCIPITER GENTILIS/ IN KUNSTNESTEN. [BREEDING OF GOSHAWK /ACCIPITER GENTILIS/ IN ARTIFICIAL NESTS.] Limosa 48 (3-4): 206-207. 1975. In Dutch with English summ. WR 162
[Zool. Lab. Anim. Ecol., Toernooiveld, Nijmegen, Netherlands] /Accipiter gentilis/ and /A. nisus/ in the Netherlands.

76-002520 Osman, S. M. BONELLI'S HAWK-EAGLE, /HIERAAETUS FASCIATUS/ (VIEILLOT). J. Bombay Nat. Hist. Soc. 71 (1): 1-17. Apr. 1974. WR 162
[11-D/10, Circular Rd., Dehra Dun, U.P., India]

76-002521 Osman, S. M. THE CHANGEABLE HAWK-EAGLE, /SPIZAETUS CIRRHATUS/ (GMELIN). J. Bombay Nat. Hist. Soc. 70 (3): 417-425. Dec. 1973. WR 162
[11-D/10 Circular Rd., Dehra Dun, U.P., India]

76-002522 Osman, S. M. THE MOUNTAIN HAWK-EAGLE. J. Bombay Nat. Hist. Soc. 72 (2): 256-270. Aug. 1975. WR 162
[11-D/10 Circular Rd., Dehra Dun, U.P. India] /Spizaetus nipalensis/ in India.

76-002523 Park, Yeong-Geun; Yoon, Moo-Boo; Won, Pyong-Oh [BREEDING BIOLOGY OF THE CHINESE SPARROW HAWK /ACCIPITER SOLOENSIS/.] Misc. Rep. Yhamashina's Inst. Ornithol. 7 (5): 523-532. June 1975. In Japanese with English summ. WR 162
[Kyung Hee Univ., Seoul, Korea]

76-002524 Pedroli, Jean-Carlo; Berthoud, Guy; Jousson, Michel; Monnier, Christian; Mathey, Jacques REPARTITION GEOGRAPHIQUE, HABITAT ET DENSITE DE LA CHOUETTE DE TENGMALM /AEGOLIUS FUNEREUS/ (L.) DANS LA JURA SUISSE. [GEOGRAPHIC DISTRIBUTION, HABITAT AND DENSITY OF TENGMALMS OWL /AEGOLIUS FUNEREUS/ IN THE SWISS JURA.] Nos Oiseaux 33 (2): 49-58. June 1975. In French. WR 162
[Petit-Catechisme 3, CH 2000 Neuchatel, Switzerland]

76-002525 Pettigrew, John D.; Konishi, Masakazu NEURONS SELECTIVE FOR ORIENTATION AND BINOCULAR DISPARITY IN THE VISUAL WULST OF THE BARN OWL (/TYTO ALBA/). Science 193 (4254): 675-678. 20 Aug. 1976. WR 162
[Calif. Inst. Technol., Pasadena 91125] Abstract: The visual response properties of single neurons in the owl's visual Wulst suggest that this forebrain structure is an analog of the mammalian visual cortex. Features in common with the cat and the monkey visual cortex include a precise topographic organization, a high degree of binocular interaction, and selectivity for orientation, direction of movement, and binocular disparity of straight-line contours.

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[Site 9, R.R. 2, Sherwood Park, Alberta, Canada T8A 3K2] /Progne subis/ in Canada.

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[Hebrew Univ., Jerusalem, Israel] A seized gecko, of either sex, often produces a distress call. Distress calls of /Cyrtodactylus scaber/, /Hemidactylus turcicus/, /Ptyodactylus hasselquistii guttatus/, /P. h. puiseuxi/, /Stenodactylus sthenodactylus/ and /Tropiocolotes steudneri/ were recorded and analyzed. --From abstr.

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Manuscript for this issue was completed 10 September 1976.

AUTHOR INDEX

Abe, Naoya
76-002220
Abler, W. A.
76-002101
Ables, Ernest D.
76-002098
Abram, James B.
76-002055
Ackerman, Ralph Austin
76-002735
Adams, E. D.
76-001663
Ainley, David
76-002480
Ainley, David G.
76-002419
Airoldi, J. P.
76-001996
Aitken, R. N. C.
76-002736
Albala-Perez, F.
76-001945
Alchin, Jennifer
76-002758
Aleksiuk, Michael
76-002760
Alerstam, Thomas
76-002211
Alfred, S. D.
76-001664
Alison, R. M.
76-002294
Allison, F. R.
76-002449
Allison, John E.
76-001665
Alvarado, Ronald H.
76-002720
Amend, Spencer R.
76-002304
Ames, Norma
76-001856
Amlaner, Charles J., Jr.
76-002454
Amor, R. L.
76-002034
Amundson, Rod
76-002277
76-002278
Anderson, A.
76-002364
Anderson, Cliff
76-002102
Anderson, Clifford M.
76-002501
Anderson, Judith Lee
76-001997
Andersson, Malte
76-002420
Andrews, J. R. H.
76-001929
Andrews, Robin M.
76-002783
Andrews, S. Edward
76-002552
Andrzejewski, Roman
76-001998
Aney, Warren W.
76-001834
Anvik, J. O.
76-002128
Araya, Braulio
76-002456
Argyle, F. B.
76-002400
Armstrong, William P.
76-002107
Arnold, Keith A.
76-002668
Artmann, Joseph W.
76-002365
Ashman, Dave
76-002068
Ashton, Peter M.
76-001857
Aslin, Heather J.
76-001908
Atkinson, Judith M. S.
76-002366
Augee, M. L.
76-002159
Aulerich, Richard J.
76-002065
Aulerich, Richard J.
76-002064
Austin, Franklin B.
76-001707
Austin, George T.
76-002586
Avers, Peter E.
76-001666
Avery, Michael
76-002242
Aydelott, D. Gray
76-001667
Azarov, V. I.
76-002069
Baar, Stephen L.
76-001999
Baber, Thomas G.
76-001792

Babero, Bert B.
76-002015
Bacon, Wayne L.
76-002289
Bagdonas, Karolis B.
76-002698
Bagley, D. G.
76-001809
Bagnara, J. T.
76-002711
Baird, Dale
76-001858
Baird, T.
76-002787
Baker, Allan J.
76-002367
76-002368
76-002369
Baker, Robert J.
76-001936
Baldridge, Alan
76-002421
Balgooyen, Thomas G.
76-002489
Ball, A. J. S.
76-002458
Ballinger, Royce E.
76-002771
Balph, Dvaid F.
76-002587
Balph, Martha Hatch
76-002587
Baptista, Luis F.
76-002588
Baptista, Luis Felipe
76-002589
Barash, David P.
76-002553
Barasona-Mata, J.
76-002346
Barbour, D. Bruce
76-002396
Barker, R.
76-001910
Barker, R. D.
76-002301
76-002302
Barker, Wesley L.
76-001668
Barnard, Susan M.
76-002791
Barnes, Allan M.
76-001964
76-002051
Barnett, S. A.
76-001987
Barnett, S. A
76-001988
Barnhill, Lloyd J.
76-001669
Barre, Herve
76-002422
76-002423
Barrett, C. C.
76-002012
Barrett, Gary W.
76-002537
Bartholomew, George A.
76-002590
Bartle, J. A.
76-002424
Bartlett, Paul A.
76-001670
Batt, G. T.
76-002033
Batten, L. A.
76-002238
Baula, Roger
76-002370
Baylock, Lynn A.
76-002699
Beach, Douglas W.
76-002083
Beach, Richard J.
76-002056
Beamish, Peter
76-002077
Beason, Robert C.
76-002243
Becerra-Martell, C.
76-002272
76-002346
Beckenbach, Andrew T.
76-002700
Bedard J.
76-002318
76-002659
Begg, G. W.
76-002371
Behle, William H.
76-002181
Beieler, Vern E.
76-001671
Beierle, John W.
76-002080
Bell, A. A.
76-002255
Bell, J. F.
76-001849
Bennetsen, Egon
76-002116

Bennett, Albert F.
76-002443
76-002737
Bennett, Gordon F.
76-002117
76-002320
Bennett, William C.
76-002020
Berg, Martin van den
76-002591
Berger, Joanna
76-002544
Bergman, Harold L.
76-001885
Berry, Kristin H.
76-002738
Berthoud, Guy
76-002524
Bhat, H. R.
76-001930
Biber, Jean-Pierre
76-002592
Bider, J. Roger
76-002417
Binford, Laurence C.
76-002357
76-002362
Bird, D. M.
76-002490
Bisset, S. A.
76-002449
Bjornn, T. C.
76-001855
Blakely, Earl R.
76-001672
Blakley, Nigel R.
76-002554
Blanchet, Maurice
76-002491
Blick, Edward F.
76-002221
Blokpoel, H.
76-002337
Blokpoel, Hans
76-002344
Blum, Erwin L.
76-001700
Board, R. G.
76-002224
Bock, Carl E.
76-002171
Boere, G. C.
76-002182
Bogart, James p.
76-002701
Boisseau-Lebreuil, M. T.
76-001899
Bolen, Eric G.
76-002271
76-002316
Bonaccorso, Frank Joseph
76-001931
Bonora, Mario
76-002492
Booth, Thurman
76-002295
Borecky, R. A.
76-002057
Borsboom, A. C.
76-002000
Botts, O. L.
76-001673
Bourget, Andre
76-002310
Bouvier, Georges
76-002260
Bowdre, Larry
76-001903
Boyd, H.
76-002349
Bradshaw, Donald
76-002001
76-002739
Bradshaw, Jillian
76-002739
Braithwaite, L. W.
76-002239
76-002303
76-002311
Brand, Christopher J.
76-002070
Breed, W. G.
76-002002
Brenowitz, Gene L.
76-002513
Breton, D.
76-002140
Brett, Linda P.
76-002493
Brewer, Edward O.
76-001674
Brglez, J.
76-002071
76-002118
Brinlee, R. C.
76-001675
Brittan, Lynn A.
76-001676
Brock, Alec R.
76-001677

AUTHOR INDEX

Brodie, Edmund D., Jr.
76-002708
Bromley, Robert G.
76-002217
Brooks, Daniel R.
76-002702
76-002703
76-002740
Brooks, Garnett R.
76-002788
Brooks, H. J.
76-002032
Broom, D. M.
76-002664
Brown, B. K.
76-002302
Brown, Charles W.
76-002704
Brown, David E.
76-002280
Brown, Gardner Mallard, Jr.
76-002312
Brown, Patricia
76-001932
Brown, R. G. B.
76-002425
Brown, Ted. L.
76-002748
Brown, Tommy L.
76-001859
Brown, William S.
76-002741
Brown, William Y.
76-002426
76-002427
76-002428
Browne, K. W.
76-002092
Browning, bruce
76-002281
Bruce, Richard C.
76-002705
Brunner, H.
76-002034
Brunner, Hans
76-002035
Bruns, Herbert E.
76-001678
Bryant, D. M.
76-002313
Bryant, Larry D.
76-002212
Bryden, M. M.
76-002078
76-002079
Buckland, D. E.
76-002101
Buckland, R. B.
76-002490
Buckner, C. H.
76-002183
Buckner, Russell L.
76-001679
76-001680
Bull, P. C.
76-002174
76-002555
Buller, Louie L.
76-001681
Bunch, Thomas D.
76-002099
Bunn, D. S.
76-002494
Bunnell, Fred L.
76-002135
Burgdorfer, Willy
76-001900
Burger, A. E.
76-002451
Burger, Joanna
76-002429
76-002430
Burkholder, Gary
76-002530
Burt, D. R. R.
76-002431
Bush, Albert O.
76-002372
Buskirk, William H.
76-002184
Butler, Charles S.
76-001682
Bynum, Otto W.
76-001683
Cadbury, C. J.
76-002338
76-002350
Cain, Brian W.
76-002314
Calder, W. A. III
76-002665
Calder, William A.
76-002163
Caldwell, Ronald S.
76-001984
Calero-Carretero, R.
76-002272
76-002346
Calhoun, John W.
76-001684
Calkins, Donald W.
76-001756

Cameron, Duncan M., Jr.
76-001968
Cameron, R. D.
76-002119
Camp, Wallace J.
76-001685
Camp, Wallace J.
76-001686
Campbell, C. R. G.
76-002327
Campbell, Doug
76-002072
Campbell, Howard
76-002742
Canters, Kees
76-002341
Carlson, Carroll R.
76-001687
Carlson, Dennis J.
76-002172
Carmichael, I. H.
76-002138
Carpenter, Len H.
76-001835
76-001883
Carrick, R.
76-002583
Carstairs, J. L.
76-001989
76-001990
Case, Ted. J.
76-002743
76-002744
Cassel, J. Frank
76-002242
Casto, Stanley
76-002267
Casto, Stanley D.
76-002268
76-002269
Cerny, V.
76-002261
Chabreck, Robert H.
76-002745
Chadwick, Raymond S.
76-001688
Challies, C. N.
76-002136
Chalton, D. O.
76-002225
Chandrahas, R. K.
76-001991
Channabasavanna, G. P.
76-002723
Chapdelaine, Gilles
76-002310
Chassin, Pamela Sue
76-002073
Cheney, Carl D.
76-002533
Cheniti, Tahar
76-002001
Chesemore, David
76-002104
Chesser, Ronald K.
76-001984
Chesterfield, N. J.
76-002094
Cheylan, Gilles
76-002185
Chiavetta, Mario
76-002492
Chiba, Akira
76-002613
Child, Peter
76-002226
Christensen, Glen C.
76-001906
Christensen, Howard A.
76-001933
Christian, John J.
76-002027
76-002028
Christiansen, Erik
76-002003
Christiansen, James L.
76-002715
Christopher, Ernest Augustus
76-002004
Church, J. M. F.
76-002137
Churchill, Norman J.
76-001689
Chute, Anne M.
76-002276
Cink, Calvin L.
76-002593
Clapp, Roger B.
76-002432
Clapper, Louis S.
76-001860
Clapsaddle, Claude
76-001861
Clark, Donald R., Jr.
76-002746
Clark, George A., Jr.
76-002545
Clark, Gordon M.
76-002031

Clark, Lewis A.
76-001690
Clark, Mertice M.
76-001965
Clarke, Andrew
76-002433
Clay, John W.
76-001691
Clement, Christian
76-002453
Clement, David M.
76-002502
Clifford, C. M.
76-001849
Clifford, Carleton M.
76-001951
76-002031
Clunie, Fergus
76-002495
76-002594
Cody, M. L.
76-002595
Coffee, Daniel R.
76-001692
Coker, John L.
76-001683
Coleman, J. D.
76-002556
Coman, Brian J.
76-002035
Conley, Walt
76-002005
Conner, Nathaniel R.
76-001693
Conner, Richard N.
76-002227
Connolly, Guy E.
76-002036
Converse, James D.
76-002266
Cooch, F. Graham
76-002353
Cooke, A. S.
76-002255
Cooke, F.
76-002414
Coombs, Richard F.
76-002117
Cooper, A. C. D.
76-002138
Cooper, C. Lawrence
76-002262
76-002557
Cooper, J.
76-002434
Cordonnier, P.
76-002173
Cottam, Clarence
76-002316
Coulson, J. C.
76-002435
Counsilman, J. J.
76-002558
Courtney, Charles
76-002436
Cowan, P. E.
76-001988
Cox, Frank R., Jr.
76-001694
Cox, John B.
76-001695
Craig, R. E.
76-002057
Crawford, John A.
76-002271
Crawford, Richard D.
76-002437
76-002438
76-002439
76-002440
Crichton, V. J.
76-002126
Critcher, Stuart
76-002596
Crites, John L.
76-002262
76-002557
Crockett, D. E.
76-002441
Crockett, David E.
76-002442
Croft, J. D.
76-002047
Crome, F. H. J.
76-002296
Crome, Francis Hugh John
76-002297
Crowell, K. L.
76-002006
Croxall, J. P.
76-002228
Crump, Jerald O.
76-001696
Crump, William
76-002139
Cruz, Alexander
76-002666
Cuellar, Orlando
76-002747
Curtis, Steven G.
76-002344
Cyr, Andre
76-002577

Daan, Serge
76-002597
Dainty, R. J.
76-002486
Dalby, Peter L.
76-001891
DaMoude, Dean W.
76-001697
Daniel, J. C.
76-002706
Daniel, M. J.
76-001929
76-001934
Darrow, Robert W.
76-002284
Dau, Christian P.
76-002315
David, Danielle
76-002256
Davidar, E. R. C.
76-002037
Davidson, Neil McD.
76-002792
Davidson, William R.
76-002290
Davies, S. J. J. F.
76-002298
Davis, Lyle L.
76-001777
Dawson, David G.
76-002174
Dawson, E. W.
76-001844
Dawson, Elliot W.
76-001845
Dawson, William R.
76-002443
Day, E. Major, Jr.
76-001980
De Jong, H.
76-002339
Dean, Alan R.
76-002444
Dean, Brian R.
76-002444
Dean, W. J.
76-002051
deCalesta, David S.
76-002622
DeFoliart, Gene R.
76-002014
Degenhardt, William G.
76-002748
Delaney, Gary J.
76-001698
Delareuelle, Robert R.
76-002253
Delnicki, Don
76-002316
DeMartelaere, Donald E.
76-001699
Denisov, V. P.
76-001969
Denton, J. Fred.
76-002598
Derksen, Dirk V.
76-002445
Desai, J. H.
76-002074
Desser, Sherwin S.
76-002340
Dewsbury, Donald A.
76-001992
Dhondt, Andre
76-002186
76-002187
Diamond, A. W.
76-002446
Dijk, J. van
76-002599
Dilks, P. J.
76-002299
Dimmitt, Mark Alan
76-002707
Din, N. A.
76-002373
Dittemore, William H., Jr.
76-001700
Divoky, George J.
76-002447
Dixon, Marvin L.
76-001701
76-001805
Dmi'el, Razi
76-002749
Dmitriyeva, L. P.
76-002617
Doboszynska, Teresa
76-001981
Dobrokhotov, B. P.
76-002019
Dodd, C. Kenneth, Jr.
76-002708
Dolbeer, Richard A.
76-002559
76-002560
Dolezel, Raymond
76-001702
Dollarhide, William E.
76-001703

Dominguez de Tena, M.
76-002272
76-002346
Dorris, Peggy Rae
76-002295
Doster, Gary L.
76-002290
Douglass, Richard James
76-002007
Doving, Kjell B.
76-002003
Dowd, Louie W.
76-001729
Downey, C. E.
76-001704
Drager, N.
76-002140
Draper, Grace S.
76-002600
Drent, Rudolf
76-002341
Driver, J.
76-002374
Drolet, Charles A.
76-002103
Druuk, Hans
76-002038
Dubois, Alain
76-002734
Dudemaine, Maurice
76-002754
Dunlap, Donald G.
76-002717
Dunsmore, J. D.
76-001952
76-001956
Dupuie, Howard H.
76-002745
Durham, Floyd E.
76-002080
Durve, V. S.
76-002750
Dwyer, Peter, D.
76-002008
Dye, James W.
76-001705
Dyer, W. G.
76-002111
Dyer, William G.
76-002709
Dzieciolowski, Ryszard
76-002100
76-002120
Ealey, E. H. M.
76-002159
Easterla, David A.
76-002748
Easton, Emmett R.
76-002265
Ebbinge, Barwolt
76-002341
Ebert, Paul W.
76-001862
Eddy, Garrett
76-002667
Edgar, A. T.
76-002188
Edmonds, J. W.
76-001962
Egbert, Larre N.
76-002099
Egoscue, Harold J.
76-002039
Eiberle, K.
76-002121
Eide, Sterling H.
76-002052
Elder, J. H., Jr.
76-001706
Eley, Thomas J., Jr.
76-002375
76-002376
Elkins, N.
76-002601
Elliott, William P.
76-002455
Ellis, David H.
76-002496
Ellison, D. K.
76-001746
Eltringham, S. K.
76-002373
Emlen, Stephen T.
76-002244
Enemar, Anders
76-002189
Engberg, Clarence A.
76-001707
Engel, Robert J.
76-001708
Erfani, Hossein
76-002141
Erickson, A. W.
76-002078
Erickson, Austin J.
76-001709
Erickson, Carl J.
76-002300
Ernst, Carl H.
76-002751
Ernst, Evelyn M.
76-002751

Ernst, John V.
76-002436
Eroschenko, Victor P.
76-002288
Erskine, A. J.
76-002183
Erwin, Michael
76-002281
Eshelkin, I. I.
76-002009
Espy, Lester E.
76-001720
Estes, Richard D.
76-002142
Evans, Charles
76-002104
Evans, Mary E.
76-002342
Evans, P. R.
76-002377
Everett, Michael J.
76-002448
Ewers, W. H.
76-001832
Eyer, Jerry C.
76-002279
Fain, A.
76-001901
76-001909
76-001916
Fairall, N.
76-002161
Faist, B. E.
76-001863
Fallis, A. M.
76-002449
Faro, James B.
76-002052
Fawkes, Clarence J.
76-001829
Feenstra, James E.
76-001812
Felten, Heinz
76-001950
Fenn, Mark
76-002517
Ferguson, Dick V.
76-001722
Ferns, P. N.
76-002343
Ferron, Jean
76-001970
Finch, V.
76-002143
Findley, James S.
76-001935
Finlay, J. Campbell
76-002602
Fischer, Charles A.
76-002070
Fischthal, Jacob H.
76-001848
76-001902
76-002263
76-002264
76-002497
76-002693
Fish, Jane
76-001993
Fisher, Harvey I.
76-002450
76-002484
Fitch, Henry S.
76-002752
Fitzner, Julia N.
76-002498
Fitzner, Richard E.
76-002498
Fleharty, Eugene D.
76-001999
Fleming, Robert L., Jr.
76-002753
Fleming, Robert L., Sr.
76-002753
Flesher, Everett C.
76-001710
Fletcher, Sylvester J.
76-001711
Flux, John E. C.
76-001951
Folks, James J.
76-001712
Folse, Leon J., Jr.
76-002668
Foote, Warren C.
76-002099
Forbes, T. O. A.
76-002040
Ford, Alan R.
76-001713
Foreman, Larry D.
76-002317
Foreyt, William J.
76-002058
Forman, A. J.
76-002147
Forman, Richard T. T.
76-002192
Forrester, Donald J.
76-002291
76-002372

Fowler, Danny C.
76-002724
Fowler, Janet H.
76-002511
Fox, Michael
76-002041
Fox, Richard W.
76-001713
Francaz, Jean-Marc
76-002754
Frankenberg, Eliezer
76-002755
Franson, J. C.
76-002283
Franzreb, Kathleen E.
76-002190
Fraser, Douglas F.
76-002710
Frith, C. B.
76-002603
Frith, H. J.
76-001864
76-002301
76-002302
76-002303
Froissart, Y.
76-002621
Frost, J. S.
76-002711
Frost, P. G. H.
76-002451
Fujimaki, Yuzo
76-002306
Fullerton, Charles
76-001865
Funmilayo, Oluwadare
76-001917
Furman, Albert L.
76-001714
Gaines, David
76-002191
Galef, Bennett G., Jr.
76-001965
Gallego, J.
76-001919
Galli, Anne E.
76-002192
Gallizioli, Steve
76-001841
Gallner, J.-C.
76-002193
Ganis, G. Robert
76-002499
Garcia, John
76-002062
76-002493
Garrett, Kimball L.
76-002240
Garvie, M. B.
76-001852
Gasaway, William C.
76-002273
Gaskin, D. E.
76-002092
Gaston, A. J.
76-002175
76-002604
Gautheir, Maureen C.
76-002344
Gauthier, J.
76-002318
Gebczynska, Zofia
76-002010
Geerling, C.
76-002194
Geiger, G.
76-002042
Geiger, Luther C.
76-001715
Geissler, B.
76-002122
Geldenhuys, J. N.
76-002307
Gelderloos, Orin G.
76-002756
Genoways, Hugh H.
76-001946
Gentry, H. L.
76-002082
Georgii, B.
76-002123
Geroudet, Paul
76-002274
76-002452
76-002500
Gerritsen, J.
76-001915
Gettinger, Ronald D.
76-002011
Ghorpade, Kumar D.
76-002195
Gierbolini, Roberto E.
76-001716
Giguere, Paul E.
76-001892
Gilbert, D. Terry
76-002396
Gilbert, Douglas L.
76-001866
Gill, Frank B.
76-002631

AUTHOR INDEX

Gill, John D.
76-001854
Gillett, W. Humphrey
76-002454
Gillieron, Georges
76-002358
Gilot, B.
76-001899
Gingrich, H. E.
76-002012
Girdner, C. L.
76-001784
Gleeson, Todd T.
76-002737
Glover, Robert K.
76-001717
Gochfeld, Michael
76-002319
76-002378
Godfrey, W. Earl
76-002605
Goerdel, A. R.
76-001718
Goldberg, Stephen R.
76-002757
Golubev, P. D.
76-001971
Goodine, Guy A.
76-002144
Gore, Warren A.
76-001719
Gorman, George C.
76-002765
Gorman, John L.
76-001720
Goss-Custard, J. D.
76-002379
Gott, Jerry D.
76-001721
Gottschalk, John S.
76-001867
Graber, M.
76-002145
Grace, Eric S.
76-002043
Graf, Rudolph L.
76-002561
Graves, Garth N.
76-002020
Gray, James L.
76-001722
76-001730
Gray, Lincoln
76-002196
Greeley, Fredick
76-002561
Green. G. H.
76-002343
76-002399
Green, George L.
76-001723
Greenbaum, Ira F.
76-001936
Greenberg, Russell
76-002606
Greenlaw, Jon S.
76-002229
Greenley, Joseph C.
76-001861
Greenwalt, Lynn A.
76-001868
Gregory, Martin
76-001918
Greig-Smith, Peter W.
76-001937
Grenot, Claude
76-002754
Griffiths, Mervyn
76-001910
Grigg, Gordon C.
76-002758
Grimes, L. G.
76-002230
Grogger, Harold E.
76-001724
Groscolas, Rene
76-002453
Grover, Edward S.
76-001823
Grubb, Jerry C.
76-002712
Grubb, Teryl G.
76-002501
Grundmann, Albert W.
76-001953
Guest, B.
76-002197
Guevara Pozo, Diego
76-001961
Guevara-Benitez, D.
76-002607
Guevara-Benitez, Diego
76-002669
Gundy, G. Craig
76-002759
Gupta, N. K.
76-002675
Gustavson, Carl R.
76-002044
76-002062
Gyllin, Roger
76-002562

Haas, George H.
76-002304
Hailman, Jack P.
76-002608
Haines, Dennis
76-002104
Hainsworth, F. Reed
76-002679
Hakanson, Dean E.
76-001847
Haley, George J.
76-001725
Hall, Russell J.
76-002713
Hallagher, Michael
76-001893
Hallisey, Dennis M.
76-001884
Hambrick, Patrick S.
76-002694
Hamilton, G. A.
76-002257
Hamilton Junior
Naturalists' Club
76-002609
Hammack, Judd
76-002312
Hancock, Norman V.
76-001853
Hankins, Walter G.
76-002062
76-002493
Hansen, Ebbe Bogebjerg
76-002093
Hansen, Harold L.
76-001726
Hansen, Richard M.
76-002146
Hanssen, Ingolf
76-002275
Hardin, J. W.
76-002105
Hardison, Stewart
76-002075
Hardy, David M.
76-002053
Hardy, G. S.
76-001838
Harley, J. P.
76-002129
Harley, John P.
76-002106
Harris, James T.
76-002502
Harris, Margaret A.
76-002610
Harris, Martin J.
76-002695
Harris, Stanley W.
76-002376
Harrison, C. J. O.
76-002563
Harrison, David L.
76-001893
Harrison, K.
76-002380
Harrop, C. J. F.
76-001913
Hartman, Fred E.
76-002285
Harvey, Michael J.
76-001984
Hatch, D. R. M.
76-002337
Hatch, David R. M.
76-002345
Haverschmidt, F.
76-002381
Hawley, Alexander W. L.
76-002760
Hayward, James L., Jr.
76-002454
Haywurst, Ernest N.
76-001727
Healy, William M.
76-001854
Heath, Martha E.
76-002081
Hedger, R. S.
76-002147
Heglund, Norman C.
76-002073
Heidt, Gary A.
76-002064
76-002065
Hellenthal, Ronald A.
76-002025
76-002026
Hemery, Georges
76-002611
Henderson, Robert W.
76-002761
Herman, Carlton M.
76-002320
Hernandez-Rodriguez, S.
76-002272
76-002346
Hernbrode, William R.
76-001831
Herrer, Aristides
76-001903
76-001933

Herrera, Carlos M.
76-002503
Herzog, A.
76-002042
Heuer, David E.
76-002106
Hicks, G. R. F.
76-001838
Higby, L. Warren
76-002504
Highland, John D.
76-001679
76-001680
76-001794
76-001815
Higuchi, Hiroyoshi
76-002220
Hilborn, Ray
76-002013
Hill, Richard A.
76-002564
Hinman, Robert
76-001886
Hirai, Lawrence T.
76-002612
Hiraldo, Fernando
76-002503
Hitachinomiya, Masahito
76-002321
Hockley, Marvin
76-001869
Hodgin, U. G.
76-001964
Hoekstra, B.
76-002505
Hoelscher, James E.
76-001728
Hoffman, Bruce R.
76-001729
Hoffman, Wayne
76-002455
76-002480
Hofmann, R. R.
76-002148
Hogan, Jerry L.
76-001730
Hojman, Sven-Goran
76-002189
Holder, Tommy J.
76-001731
Holleman, Dan F.
76-002273
Holyoak, D. T.
76-002382
Hon, Larry T.
76-002291
Honma, Yoshiharu
76-002613
Hoogerwerf, A.
76-002383
Hoogstraal, Harry
76-001951
76-002265
76-002266
Horn, Kirk M.
76-002670
Horning, Carol J.
76-002198
Horning, Donald S., Jr.
76-002198
Horsch, Marcellis, L.
76-001732
Hoshiko, Kadoaki
76-002355
Hoskinson, Reed L.
76-001896
Hosono, Tetsuo
76-002565
Howard, Walter E.
76-002036
Howe, Henry F.
76-002475
Howell, P.
76-002380
Howell, Philip
76-001872
Howell, Thomas R.
76-002456
76-002590
Howey, R. L.
76-001733
Huang, Tao-Cheng
76-001912
Huber, Harriet R.
76-002411
Hudson, Jack W.
76-002443
Hughes, B.
76-002762
Hughes, Harold E.
76-001734
Hughes, R. A.
76-002199
Hume, R. A.
76-002322
Humphrey, Maurice E.
76-001735
Humphreys, W. F.
76-002763
Hunt, Eldridge G.
76-001842

Hunt, George L., Jr.
76-002457
Hunt, Holly W.
76-002457
Hunter, R. A.
76-002458
Hunter, Rodger A.
76-002469
Hunter, William R.
76-001736
Hunter, Wlliam N.
76-002295
Hupe, Russ
76-001881
Huxley, C. R.
76-002384
76-002385
Hyakutake, Takashi
76-002306
Hyde, A. G.
76-001664
Imber, M. J.
76-002459
76-002460
Imboden, Christoph
76-002506
Ingram, Charles R.
76-002559
Inouye, D. W.
76-002671
Ireland, William, Jr.
76-001737
Isaac, S.
76-002714
Isenmann, Paul
76-002461
Iskenderov, T. M.
76-002795
Iwase, Y.
76-002482
Jablonski, C. F.
76-001738
Jackson, Jerome A.
76-002359
76-002672
Jackson, John O.
76-002014
Jacob, Dennis
76-002764
Jacobsen, Nadine K.
76-002107
Jahn, Laurence R.
76-001870
James, Ross D.
76-002614
Janitschke, K.
76-002149
Jantz, Donald R.
76-001739
Jarman, M. V.
76-002150
Jarvinen, Olli
76-002176
Jeal, P. E. C.
76-002507
Jefferies, D. J.
76-002258
Jeffress, Jim
76-001982
Jeffrey, Allan H.
76-001740
76-001741
Jehl, Hubert
76-002200
Jehl, Joseph R., Jr.
76-002462
Jenkins, Catherine
76-002259
Jenkins, J. A. F.
76-002463
Jenson, William
76-002533
Joblin, R. J.
76-002151
Joensen, Anders Holm
76-002093
Johnsingh, A. J. T.
76-002041
Johnson, Bruce K.
76-002715
Johnson, Donald R.
76-002124
Johnson, Ned K.
76-002240
76-002615
Johnson, Oscar W.
76-002386
Johnson, Wayne D.
76-002508
Jones, Clyde
76-002783
Jones, Dale A.
76-001830
Jones, Griffith S.
76-001682
Joos, Lloyd L.
76-001811
Jordan, Jack W.
76-002108
Jorgensen, Ole Have
76-002616

Jousson, Michel
76-002524
Juris, J.
76-002056
Kaiser, Makram M.
76-002265
76-002266
Kallander, Hans
76-002562
Kamarov, V. T.
76-001966
Karnowski, Edwin H.
76-001742
Karpov, A. A.
76-002017
Kawahara, Takatada
76-002286
Kawamura, Nobuki
76-002387
Kazama, Tatsuo
76-002509
Kean, H. I.
76-001911
Kear, J.
76-002323
Kearns, M. P.
76-002441
Keeler-Wolf, Todd
76-002606
Keeler-Wolf, Virginia
76-002606
Keen, William Hubert
76-002716
Keirans, J. E.
76-001849
Keirans, James E.
76-001943
Keith, Lloyd B.
76-002046
76-002070
Kellogg, Forest E.
76-002290
Kelly, Daniel J.
76-002044
76-002536
Kelly, Leo A.
76-001743
Kemp, H. L.
76-002283
Kerautret, Lucien
76-002360
Kerl, Donald E.
76-001744
Kerr, Stephen M.
76-002155
Kettle, P. R.
76-001905
Kettle, P. R.
76-002361
Khayutin, S. N.
76-002617
Khomenko, B. G.
76-002096
Kikkawa, Jiro
76-002201
King, Bernard
76-002464
76-002566
King, Carolyn M.
76-002059
King, Elton L.
76-001745
King, J. R.
76-002546
King, Saundra B.
76-002015
Kingston, Newton
76-002125
Kinsella, J. M.
76-002567
Kintor, William B.
76-001846
Kirkpatrick, R. L.
76-001898
76-002101
Kisokau, Karol
76-001839
76-002231
Kisokau, Karol M.
76-001833
Klaesson, Per
76-002189
Klaseen, T. A.
76-001746
Klimkiewicz, M. Kathleen
76-002213
Klimstra, W. D.
76-002105
76-002111
Knezevich, Clarence A.
76-001747
Knight, P. J.
76-002400
Kolodziej-Banach, Anna
76-002016
Konishi, Masakazu
76-002525
Koos, William M.
76-001672
Kooyman, G. L.
76-002082
Koppen, Maynard P.
76-001748

Korneev, G. A.
76-002017
Kourany, Miguel
76-001903
Kozakiewicz, Michal
76-002018
Kramm, K. R.
76-001972
Krebs, Charles J.
76-002013
Kridler, E.
76-002097
Krieder, John W.
76-002285
Krishnaswami, A. K.
76-001991
Krissinger, Wayne A.
76-002598
Kritsky, Delane C.
76-001967
Kroodsma, Donald E.
76-002618
Kruse, Kipp C.
76-002717
Kucheruk, V. V.
76-002019
Kuhl, Arthur D.
76-001749
Kuntz, Robert E.
76-001902
76-001912
76-002263
76-002264
76-002497
76-002693
76-002782
Kunz, Thomas H.
76-001938
Kuramoto, Mitsuru
76-002718
Kuroda, Nagahisa
76-002202
76-002203
76-002204
76-002568
76-002569
76-002570
Kurosawa, Osamu
76-002633
Kwon, Ki-Chung
76-002510
Laaksonen, Matti
76-002619
Lachiver, Francois
76-002001
76-002739
Lafontaine, A. Richard
76-002511
Lague, P. C.
76-002490
Lampley, Eugene T.
76-001750
Lance, A. N.
76-002040
Lankester, M. W.
76-002126
Larsen, Kermit
76-001761
Larsen, Lynn S.
76-001751
Larson, Omer R.
76-001904
Larson, R. O.
76-002056
Larsson, Torsten
76-002205
Laughrin, Lyndall
76-002691
Laurence, B. R.
76-001909
Lavers, Norman
76-002512
76-002620
Lavers, R. B.
76-002392
Lawrence, Carl B.
76-001752
Lawson, C. S.
76-002232
76-002465
76-002466
Le Louarn, H.
76-002621
Le Toquin, Alain
76-002611
Leach, Howard B.
76-001842
Leatherwood, Stephen
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Japan.....continued
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New York: Herkimer County
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New York: Washington County
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New York: Wyoming County
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New Zealand
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Nigeria
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Niue Island
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North America
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North Carolina
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North Carolina: Catawba County
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North Carolina: Dare County
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North Carolina: Pitt County
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North Dakota
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North Dakota: Oliver County
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North Dakota: Richland County
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North Dakota: Ward County
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Norway
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Ohio: Erie County
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Ohio: Franklin County
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Ohio: Henry County
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Ohio: Monroe County
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Ohio, Northeastern
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Ohio: South Bass Island
76-002262
76-002557
Ohio: Summit County
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Ohio: Union County
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Oklahoma: Alfalfa County
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Oklahoma: Coal County
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Oklahoma: Haskell County
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Oklahoma: McCurtain County
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Oregon
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Oregon: Benton County
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Oregon: Crook County
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Oregon: Harney County
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Oregon: Jefferson County
76-001723
Oregon: Steens Mountain
76-002114
Oregon: Wasco County
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Outer Hebrides
76-002507
Pacific Ocean
76-002432
Panama
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Panama Canal Zone
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Papua New Guinea
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Pennsylvania
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Pennsylvania: Bucks County
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Pennsylvania: Crawford County
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Pennsylvania: Franklin County
76-001755
Pennsylvania: Philadelphia County
76-001813
Pennsylvania: Tioga County
76-002713
Pennsylvania: Venango County
76-001689
Peru
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Philippines
76-002497
76-002782
Poland
76-001998
76-002010
76-002016
76-002018
76-002023
76-002100
76-002120
Possession Island
76-002422
Puerto Rico
76-002246
Puerto Rico: Mayaguez area
76-001716
Sarawak
76-002228
Sardinia
76-002185
76-002595
Scotland
76-001917
76-002257
76-002313
76-002327
76-002330
76-002576
Seychelles Islands
76-002446
Shetland Islands
76-002420
South Africa
76-002161
76-002225
76-002307
76-002371
76-002408
76-002434
76-002483
South America
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South Carolina
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South Carolina: Laurens County
76-001686
South Carolina: Lexington County
76-001752
South Carolina: Sumter County
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South Dakota: Hughes County
76-001801
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76-001822
South Dakota: Sully County
76-001698
South Georgia Islands
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Spain
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Sumatra
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Surinam
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Sweden
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Switzerland
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Switzerland.....continued
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Taiwan
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76-002693
Tanzania
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Tennessee: Montgomery County
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Texas
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Texas: Anderson County
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76-001713
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76-001786
Texas: Gillespie County
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Texas: Stonewall County
76-001718
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Texas: Travis County
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Texas: Ward County
76-001700
Texas, Western
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Tonga
76-002186
Trinidad and Tobago
76-002223
76-002664
Tunisia
76-002001
76-002739
Turkey
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Uganda
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76-002373
United States: Great Plains
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United States, Northcentral
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United States, Northeastern
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United States, Southeastern
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USSR
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Utah
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Utah: Box Elder County
76-001688
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Utah, Southwestern
76-002181
Utah: Tooele County
76-002741
Utah: Washington County
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Venezuela
76-001848
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Virginia
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Virginia: Rockingham County
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Washington
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Washington: Chelan County
76-001671
Washington: Garfield County
76-001781
Washington: Jefferson County
76-001759
Washington: Kittitas County
76-001671
Washington, Southwestern
76-002054
Washington, Western
76-002501
Washington: Yakawawa Canyon
76-002695
West Germany
76-002123
76-002133
76-002597
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West Virginia
76-001854
West Virginia: Fayette County
76-001720
West Virginia: Raleigh County
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Western Samoa
76-002187
Wisconsin
76-002058
76-002109
76-002608
Wisconsin: Brown County
76-001754

Wisconsin: Dunn County
76-001825
Wisconsin: Marquette County
76-001795
Wisconsin: Rock County
76-001708
Wisconsin, Southwestern
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Wyoming
76-002125
76-002132
76-002139
76-002158
76-002698
Wyoming: Johnson County
76-001804
Yugoslavia
76-002071
76-002118
Zambia
76-002137

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As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
EDITORIAL OFFICE
AYLESWORTH HALL, CSU
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